ORDER NO. MD0607250CE
A1

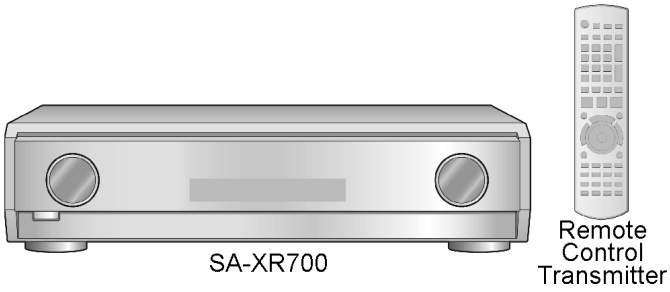
Service Manual

AV Control Receiver

SA-XR700PP

Colour

(K)... Black Type



Specification

n AMPLIFIER SECTION

Rated minimum sine wave RMS power output

20 Hz-20 kHz both channels driven

0.09 % total harmonic distortion 100 W per channel (6 Ω)

1 kHz continuous power output both channels driven

0.09 % total harmonic distortion 105 W per channel (6 Ω)

Total harmonic distortion

rated power at 20 Hz-20 kHz 0.09 % (6 Ω)

Power bandwidth

both channels driven, -3 dB 4 Hz to 88 kHz (6 Ω, 0.9 %)

Power output each channel driven

0.9 % total harmonic distortion at 1kHz

Front (L/R)	100 W (6 Ω)
Center	100 W (6 Ω)
Surround (L/R)	100 W (6 Ω)
Surround Back (L/R)	100 W (6 Ω)

Load impedance

Front (L/R)	
A or B	6 to 8 Ω
A and B	6 to 8 Ω
BI-WIRE	6 to 8 Ω
Center	6 to 8 Ω
Surround (L/R)	6 to 8 Ω
Surround Back (L/R)	6 to 8 Ω

Frequency response

CD, AUX, TV/STB, VCR, DVD RECORDER, BD/DVD PLAYED	4 Hz to 88 kHz, ±3 dB
DVD 6CH	4 Hz to 44 kHz, ±3 dB

Input sensitivity

CD, AUX, TV/STB, VCR, DVD RECORDER, BD/DVD/DVD 6CH	27 mV (200mV, IHF '66)

Input impedance

CD, AUX, TV/STB, VCR, DVD RECORDER, BD/DVD/DVD 6CH	22 kΩ

S/N (IHF A)

CD, TV/STB, BD/DVD PLAYED, DVD RECORDER (Digital Input)	85 dB (103 dB, IHF '66)

Tone controls

BASS	50 Hz, +10 to -10 dB
TREBLE	20 kHz, +10 to -10 dB

Subwoofer frequency response (-6 dB) 7 Hz to 200 Hz

Digital input	
(Optical)	2
(Coaxial)	2
HDMI (version 1.2a)	
(Input)	2
(Output)	1

n FM TUNER SECTION

Frequency range 87.9 to 107.9 MHz

Sensitivity 11.2 dBf (2 µV, IHF '58)

50 dB quieting sensitivity

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MONO	18.3 dBf (4.5 µV, IHF '58)
STEREO	38.3 dBf (45 µV, IHF '58)
Total harmonic distortion	
MONO	0.2%
STEREO	0.3%
S/N	
MONO	73 dB
STEREO	67 dB
Frequency response	20 Hz to 15 kHz, +1 dB, -2dB
Alternate channel selectivity	65 dB
Capture ratio	1.5 dB
Image rejection at 98 MHz	40 dB
Spurious response rejection at 98 MHz	75 dB
AM suppression	50 dB
Stereo separation	
1 kHz	40 dB
10 kHz	30 dB
Antenna terminal	75 Ω (unbalanced)

n AM TUNER SECTION

Frequency range	530 to 1710 kHz
Sensitivity	20 µV, 330 µV/m
Selectivity	55 dB
IF rejection at 1000 kHz	50 dB

n VIDEO SECTION

Output voltage at 1 V input (unbalanced)	1±0.1 Vp-p
Maximum input voltage	1.5 Vp-p
Input/output impedance	75 Ω
S-Video	
Input	BD/DVD PLAYED, DVD RECORDER, TV/STB
Output	TV MONITOR
Component Video	
Input	DVD RECCORDER, TV/STB
Output	TV MONITOR

n GENERAL

Power supply	AC 120 V, 60 Hz
Power consumption	140 W
Dimensions (W × H × D)	430 mm × 107.5 mm × 390 mm (16-15/16" × 4-7/32" × 15-11/32")
Mass	Approx. 5.3 kg (11.7 lb.)

n DIN POWER

1 kHz, T.H. D 1%	2 x 100 W (6 Ω)

Power consumption in standby mode:	0.7 W
Power consumption in HDMI off mode:	0.3 W

Notes:

1. Specifications are subject to change without notice.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety Precautions

1.1. GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, ensure that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, check for leakage current checks to prevent from being exposed to shock hazards.

(This “Safety Precaution” is applied only in U.S.A.)

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer’s recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

1.1.1. LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Using an ohmmeter measure the resistance value, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2Ω.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

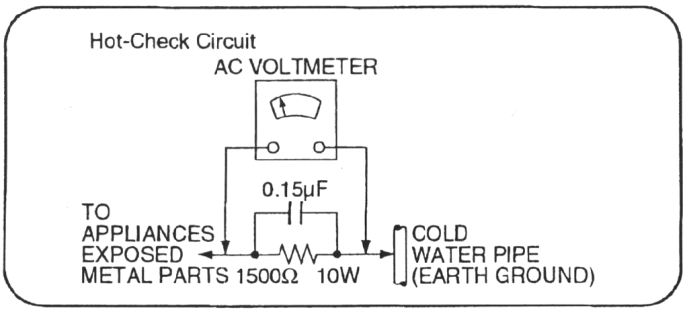


Figure. 1

1.1.2. LEAKAGE CURRENT HOT CHECK (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. should the measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and re-checked before it is returned to the customer.

1.2. Before Repair and Adjustment

Disconnect AC power, discharge Power Supply Capacitors C707, C717, C718, C725 and C924 through a 10Ω, 1W resistor to ground.

DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices.

After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

・Current consumption at AC 120V, 60 Hz in NO SIGNAL mode (at volume minimun) should be 200 ~ 600 mA.

1.3. Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlines below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again after one minute.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

1.4. Caution for fuse replacement

(For English)
CAUTION:
Replace with the same type fuse:
(Manufacturer: SOC Corp., Type: ULTSC or F1, 8A 125V)

(For Canadian French)
ATTENTION:
Utiliser un fusible de rechange de même type:
(Fabricant: SOC Corp., Type: ULTSC or F1, 8A 125V)

2 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor “chip” components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equiped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equiped with ES devices, place the assembly on a conductive surface such as aluminium foil, to prevent electrostatic charge build up or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as “anti-static (ESD protected)” can generate electrical charge to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminium foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3 Service caution based on legal restrictions

3.1. General description about Lead Free Solder (PbF)

The lead free solder has been used in the mounting process of all electrical components on the printed circuit boards used for this equipment in considering the globally environmental conservation.

The normal solder is the alloy of tin (Sn) and lead (Pb). On the other hand, the lead free solder is the alloy mainly consists of tin (Sn), silver (Ag) and Copper (Cu), and the melting point of the lead free solder is higher approx.30 degrees C (86°F) more than that of the normal solder.

Definition of PCB Lead Free Solder being used

The letter of “PbF” is printed either foil side or components side on the PCB using the lead free solder. (See right figure)	PbF

Service caution for repair work using Lead Free Solder (PbF)

- The lead free solder has to be used when repairing the equipment for which the lead free solder is used.
  (Definition: The letter of “PbF” is printed on the PCB using the lead free solder.)
- To put lead free solder, it should be well molten and mixed with the original lead free solder.
- Remove the remaining lead free solder on the PCB cleanly for soldering of the new IC.
- Since the melting point of the lead free solder is higher than that of the normal lead solder, it takes the longer time to melt the lead free solder.
- Use the soldering iron (more than 70W) equipped with the temperature control after setting the temperature at 350±30 degrees C (662±86°F).

Recommended Lead Free Solder (Service Parts Route.)

- The following 3 types of lead free solder are available through the service parts route.

  RFKZ03D01K----------(0.3mm 100g Reel)

  RFKZ06D01K----------(0.6mm 100g Reel)

  RFKZ10D01K----------(1.0mm 100g Reel)

Note

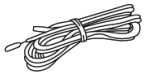
* Ingredient: tin (Sn), 96.5%, silver (Ag) 3.0%, Copper (Cu) 0.5%, Cobalt (Co) / Germanium (Ge) 0.1 to 0.3%

4 Accessories

Note : Refer to Packing Materials & Accessories Parts List (Section 18) for the part number.

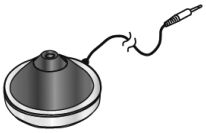
Remote control

AC cord



FM antenna wire

AM loop antenna



Calibration MIC

5 Operating Instructions Procedures

5.1. Remote Control Operation

Power button

For selecting tuner/
For switching FM, AM or XM

For inputting channels
TV
DVD recorder
VCR
For selecting a track or chapter
DVD recorder
DVD player
For selecting a track
CD player
For inputting the station frequency/
For selecting a channel
TUNER

For dimming the display light

For adjusting the subwoofer level

For listening to surround sounds

For switching an input source on and off/
Source switching/
Switching remote control modes

For playing DVD-Audio sources on 6 channels

For selecting a channel
TV
DVD recorder
VCR
TUNER

For adjusting volumes

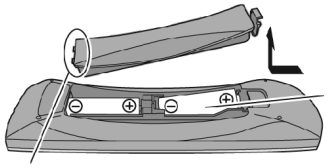
For operating other equipment

For silencing speakers temporarily

For auto speaker setup using the setup microphone/
For confirming speaker output /
For adjusting speaker volumes

Batteries

Press on the tab to open.



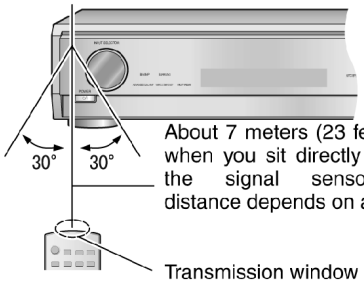
(R6/LR6, AA)

Place this side in before the other side when you close.

- Insert so the poles (⊕ and ⊖) match those in the remote control.
- Do not use rechargeable type batteries.

Use

Remote control signal sensor



About 7 meters (23 feet) or less when you sit directly in front of the signal sensor (Exact distance depends on angles).

Transmission window

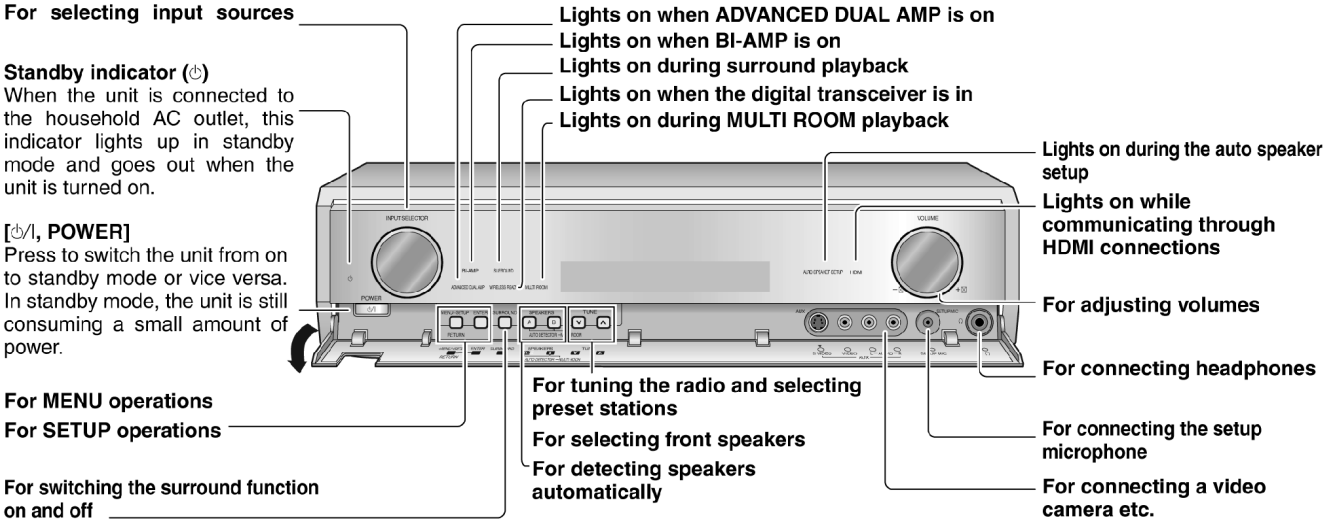
Caution

- Do not place an object between the signal sensor and the remote control.
- Do not place the signal sensor under direct sunlight or the strong light of an inverter fluorescent lamp.
- Keep the transmission window and the unit's sensor free from dust.

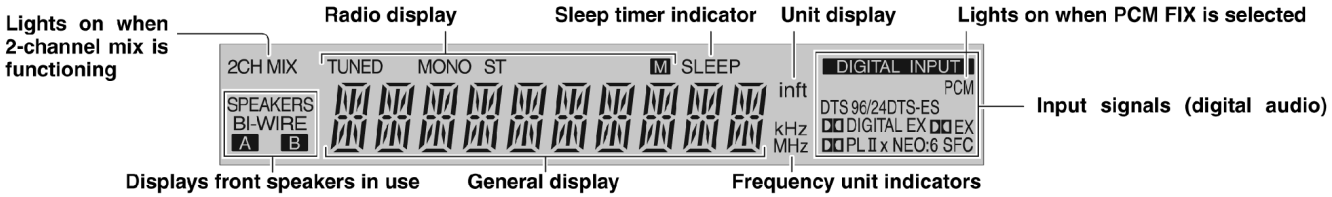
When you set the unit in a cabinet

The remote controlling range may decrease depending on the thickness or colors of glass cabinet doors.

5.2. Main Unit Operation


For selecting input sources
Standby indicator (⏻)
When the unit is connected to the household AC outlet, this indicator lights up in standby mode and goes out when the unit is turned on.
[⏻/I, POWER]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
For MENU operations
For SETUP operations
For switching the surround function on and off
Lights on when ADVANCED DUAL AMP is on
Lights on when BI-AMP is on
Lights on during surround playback
Lights on when the digital transceiver is in
Lights on during MULTI ROOM playback
For tuning the radio and selecting preset stations
For selecting front speakers
For detecting speakers automatically
Lights on during the auto speaker setup
Lights on while communicating through HDMI connections
For adjusting volumes
For connecting headphones
For connecting the setup microphone
For connecting a video camera etc.

Display



5.3. Main Unit Connections

5.3.1. Video & Audio Terminals

Connecting cables to video and audio terminals

Connection cable (All cables are sold separately)

Video cable		
Video connection cable		
Audio cable		
Optical fiber cable	Coaxial cable	Stereo connection cable
		White (L) Red (R)

Changing the digital input settings
For example, you can connect the unit to a DVD player that makes optical output only by performing the steps instructed in "Changing the digital input settings".

TV

VIDEO IN

• To enjoy TV with surround sound, make additional connections.

Rear panel

How to connect the optical fiber cable

Insert the cable after making sure shapes match.

Do not sharply bend the optical fiber cable.

DIGITAL AUDIO OUT (COAXIAL)

VIDEO OUT

DIGITAL AUDIO OUT (OPTICAL)

VIDEO OUT

(R) (L) AUDIO OUT

VIDEO OUT

DVD player (BD player)

DVD recorder

VCR

Note

• The input video signal can be sent out through an output terminal of the same type only.

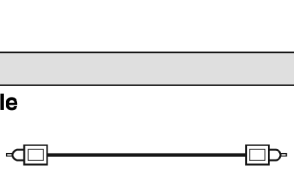
5.3.2. S-video & Audio Terminals

- Turn off all equipment before making any connections.
- Peripheral equipment sold separately unless otherwise indicated.
- To connect equipment, refer to the appropriate operating instructions.

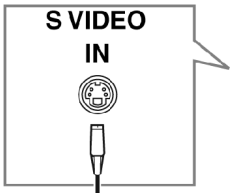
Connecting cables to S video and audio terminals

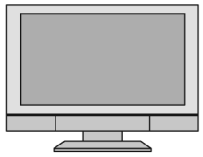
Connection cable (All cables are sold separately)

Video cable	
S VIDEO connection cable	
Audio cable	
Optical fiber cable	Coaxial cable



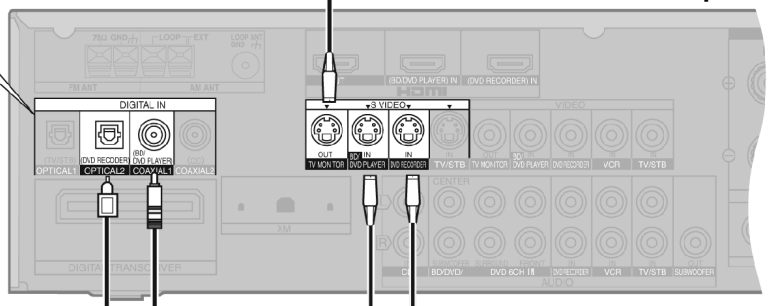
Changing the digital input settings
For example, you can connect the unit to a DVD player that makes optical output only by performing the steps instructed in “Changing the digital input settings”.





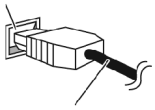
- To enjoy TV with surround sound.

Rear panel

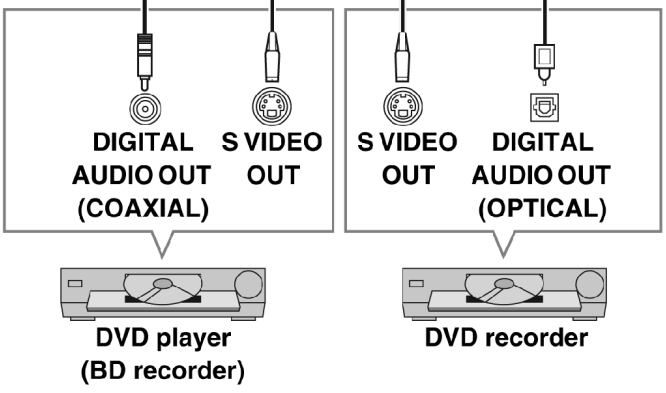


How to connect the optical fiber cable

Insert the cable after making sure shapes match.



Do not sharply bend the optical fiber cable.



DVD player
(BD recorder)

DVD recorder

Note

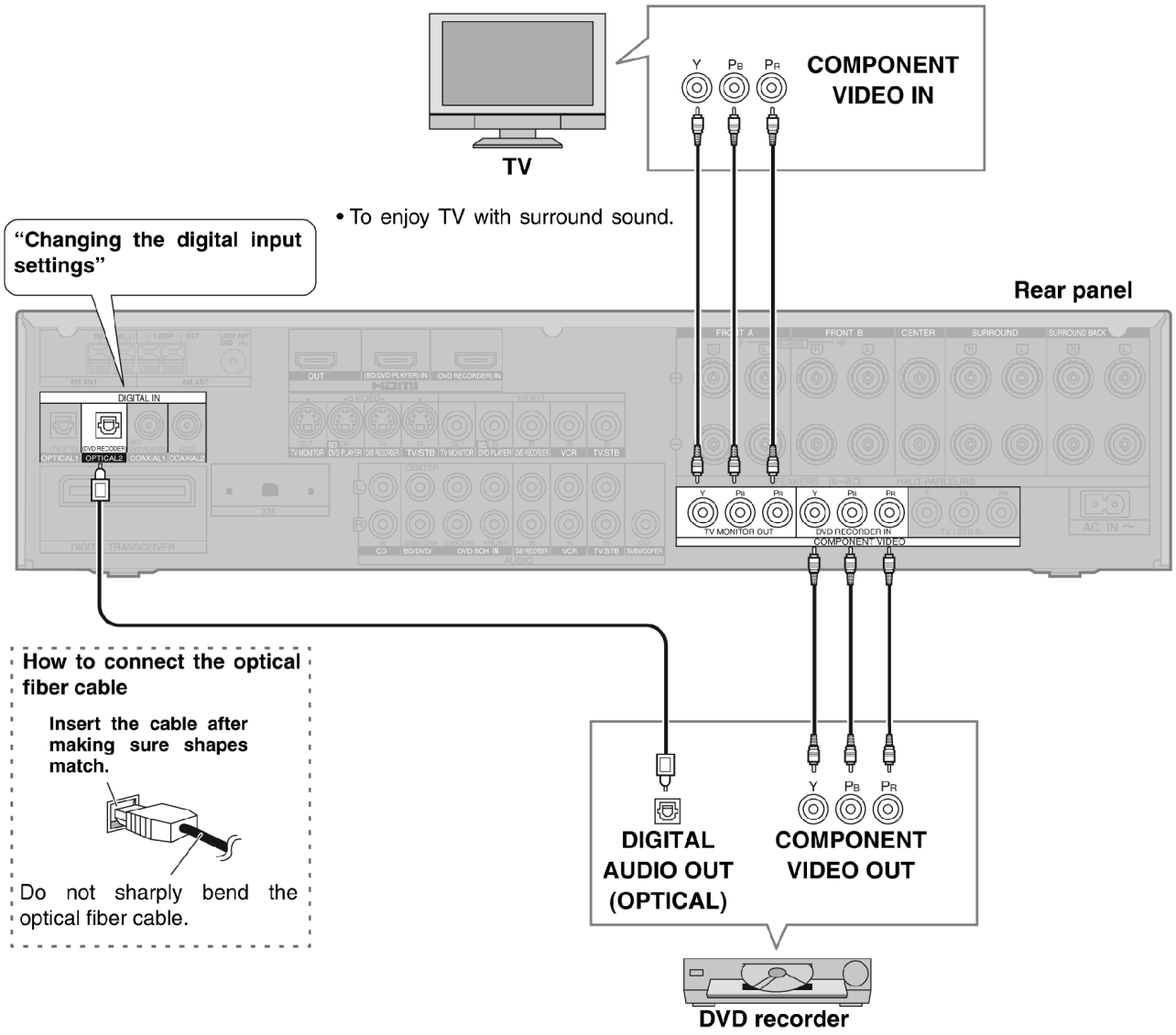
- The input video signal can be sent out through an output terminal of the same type only.

5.3.3. Component & Audio Terminals

Connecting cables to component and audio terminals

Connection cable (All cables are sold separately)

Video cable	Audio cable
Video connection cable	Optical fiber cable



Component video terminals

The component video terminals (color-difference video terminals) output red (P_R), blue (P_B), and luminance (Y) signals separately. The terminals reproduce colors with greater accuracy for this reason.

Note

- The component video terminals can produce more accurate colors than the S video terminals.
- The input video signal can be sent out through an output terminal of the same type only.

5.3.4. Other Connections

- Turn off all equipment before making any connections.
- Peripheral equipment sold separately unless otherwise indicated.
- To connect equipment, refer to the appropriate operating instructions.

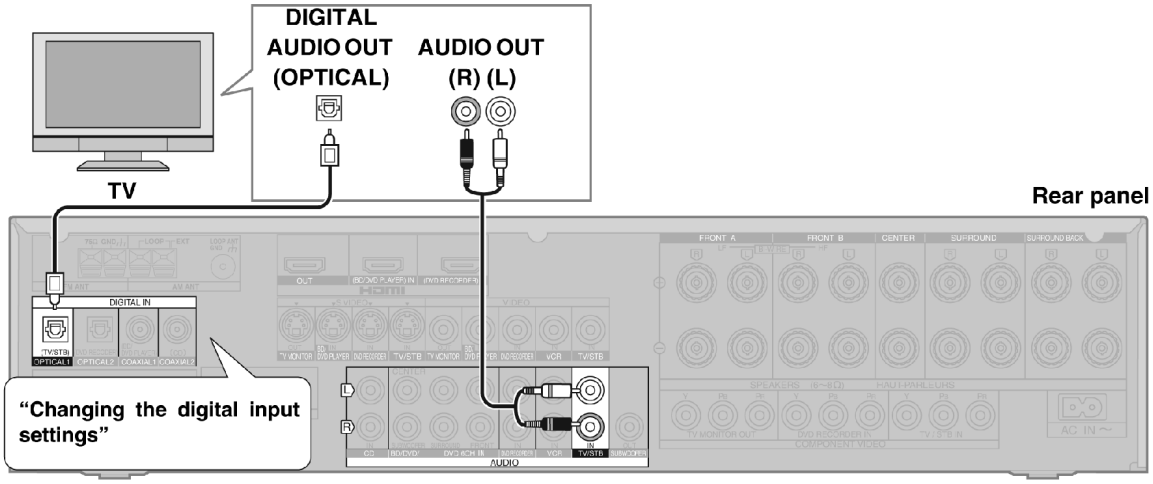
Other connections

Connection cable (All cables are sold separately)

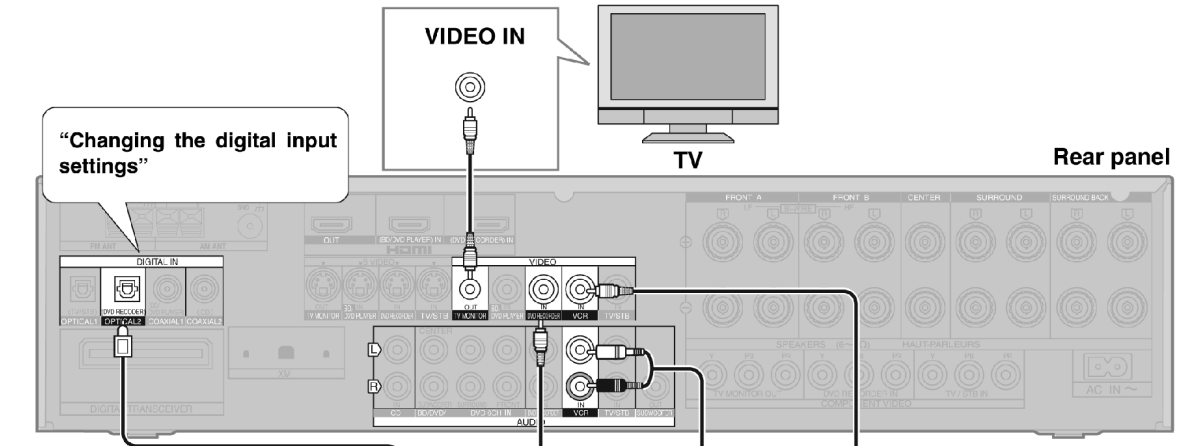
Video cable	
Video connection cable	
Audio cable	
Optical fiber cable	Stereo connection cable
	White (L) Red (R)

To enjoy TV with surround sound

- Speakers produce sounds when you make connections for either digital audio (OPTICAL) output or analog audio output. Make connections according to your equipment and preference.
- Use the optical fiber cable for connection when your TV has the digital output terminal.

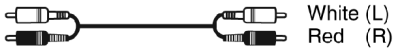


To connect a DVD recorder with built-in VCR


VIDEO IN
TV
"Changing the digital input settings"
Rear panel
How to connect the optical fiber cable
Insert the cable after making sure shapes match.
Do not sharply bend the optical fiber cable.
DIGITAL AUDIO OUT (OPTICAL)
VIDEO OUT
DVD OUT terminals
(R) (L) AUDIO OUT
VIDEO OUT
DVD/VCR COMMON OUT terminals
DVD recorder with built-in VCR

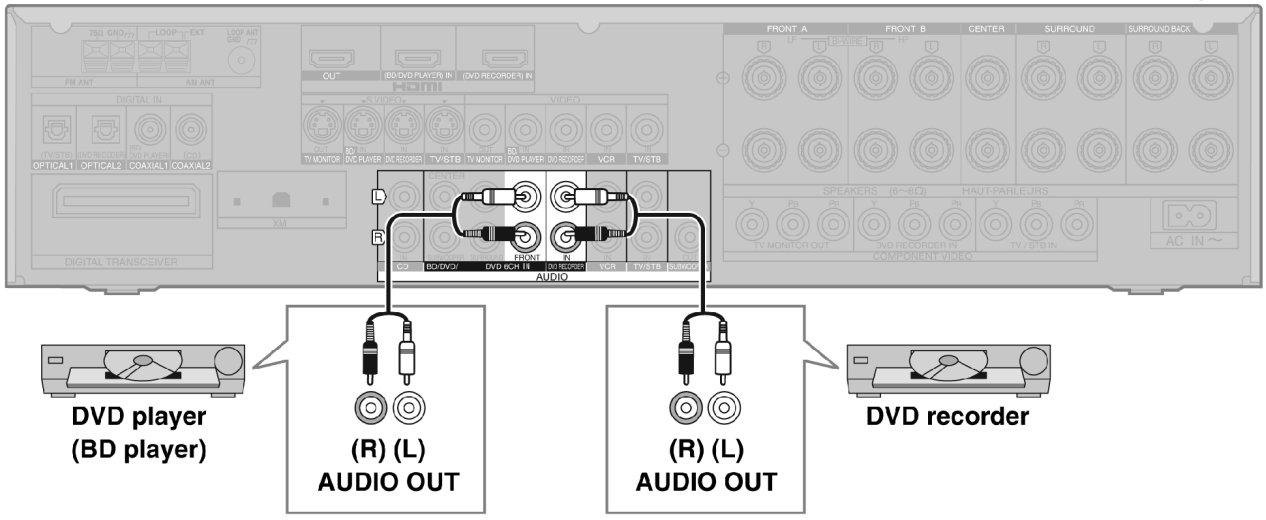
Other connections

Connection cable (All cables are sold separately)

Video cable	
Video connection cable	S VIDEO connection cable
Audio cable	
Optical fiber cable	Coaxial cable / Stereo connection cable
	 White (L) Red (R)

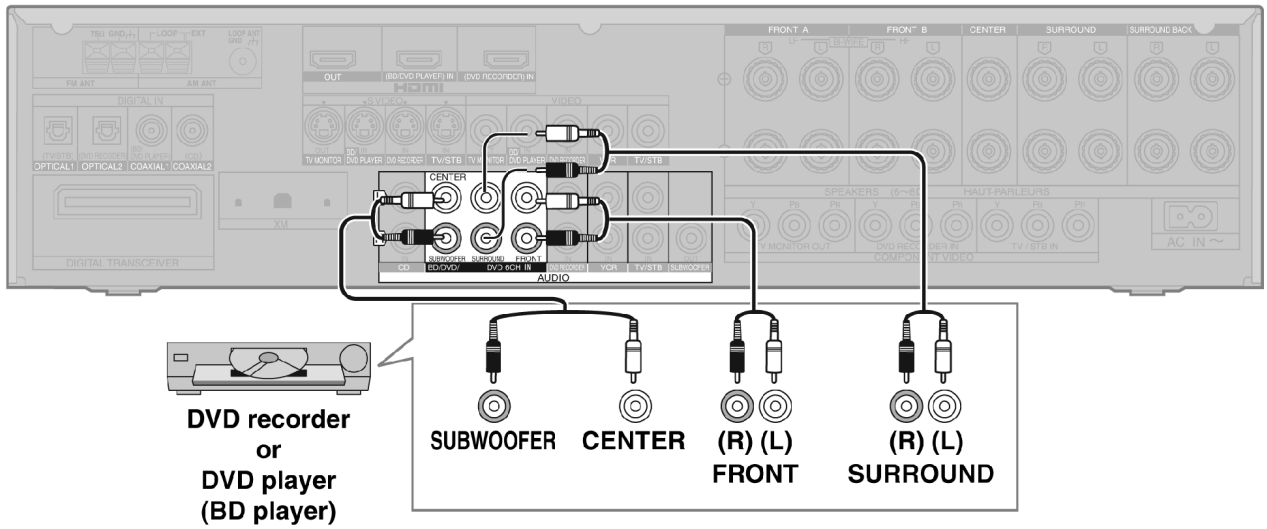
To enjoy analog sounds

Rear panel



To enjoy high-quality analog sounds using DVD-Audio discs (DVD analog 6-channel connections)

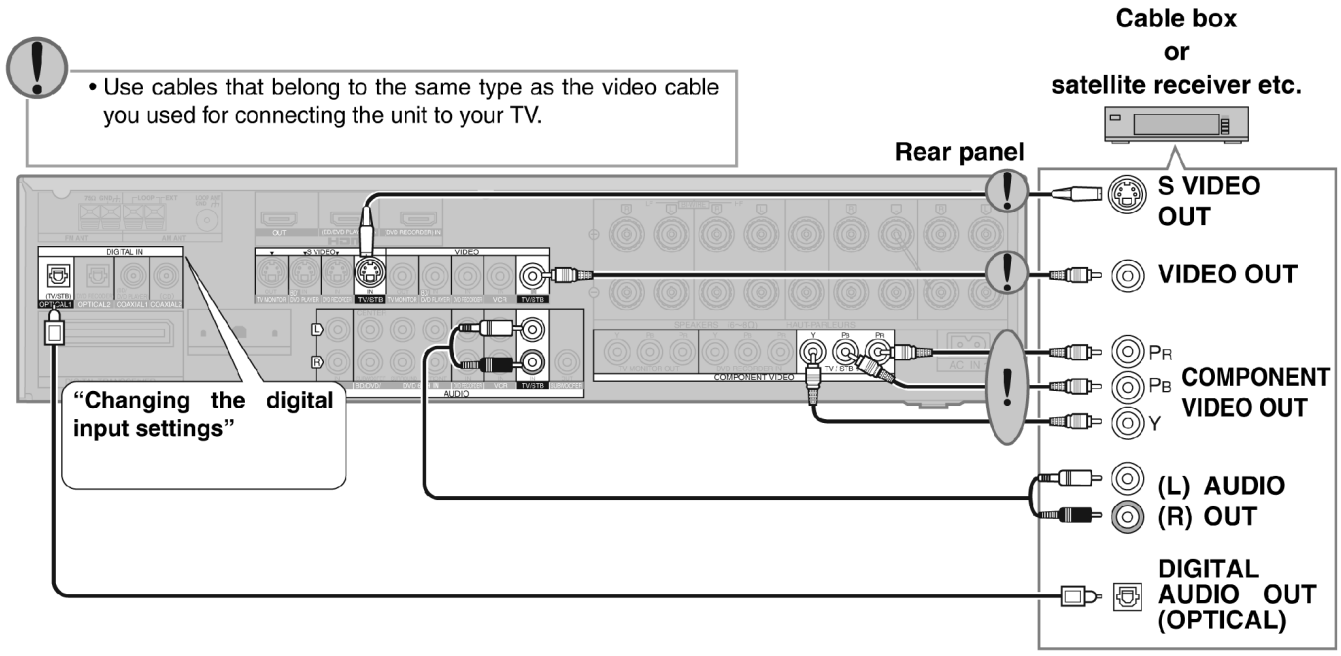
Rear panel



- Turn off all equipment before making any connections.
- Peripheral equipment sold separately unless otherwise indicated.
- To connect equipment, refer to the appropriate operating instructions.

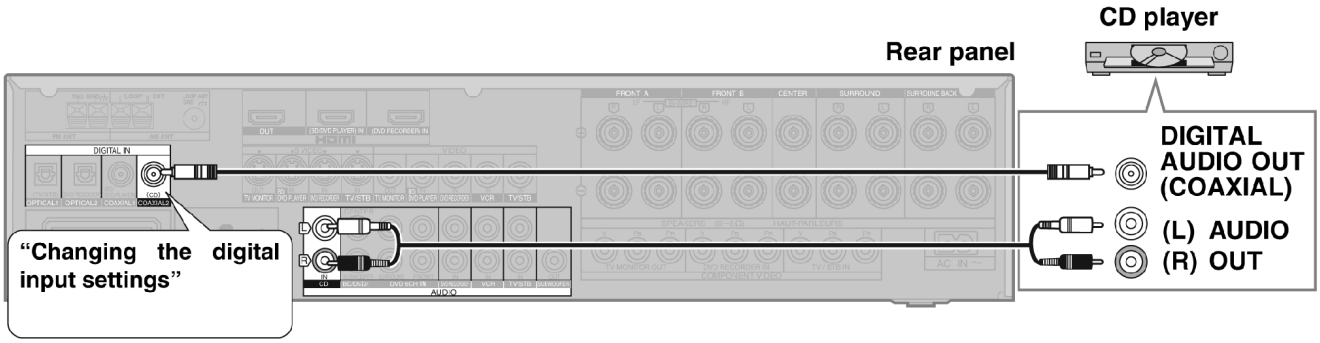
To connect the unit to a cable box or satellite receiver etc.

Make either digital audio (OPTICAL) output connections or analog audio output connections according to your equipment and preference.



To connect the unit to a CD player

Make either digital audio (COAXIAL) output connections or analog audio output connections according to your equipment and preference.



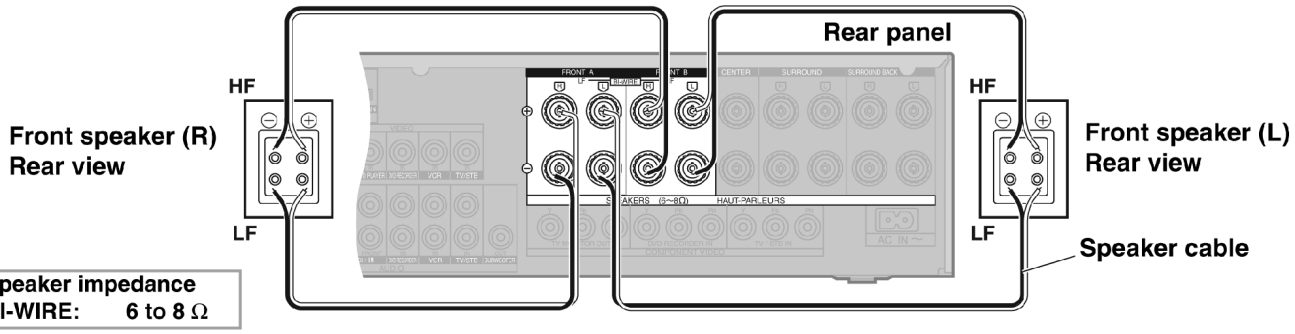
5.3.5. For Speakers

Connecting speakers

To connect bi-wire speakers

Bi-wire speakers have separate connection terminals for high frequency and low frequency signals.

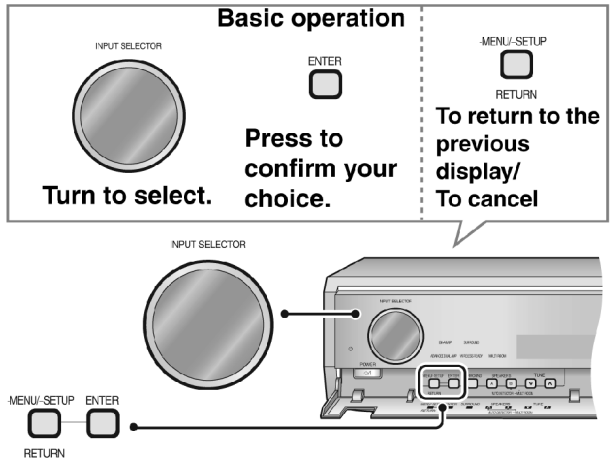
- Bi-wiring prevents high frequency and low frequency signals from interfering with each other. It offers playback in high audio quality.
- HF and LF stand for high frequency and low frequency, respectively.
- Make sure to select "***YES***" in "Making bi-wire setting" (below) when you connect the unit to bi-wire speakers. The speakers do not produce adequate sounds unless you make this setting.



Note

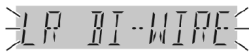
- Make sure to connect speakers' HF terminals with the unit's FRONT B terminals, and speakers' LF terminals with the unit's FRONT A terminals.
- Different amps for high frequency and low frequency signals produce BI-AMP stereo sounds that are clearer and higher in audio quality when you play on 2 channels sources containing analog audio and 2-channel PCM signals.

Making bi-wire setting



1 Press and hold [-MENU/–SETUP, RETURN] for about 2 seconds to enter the SETUP.

2 Select and confirm the choice.



3 Select and confirm the choice.

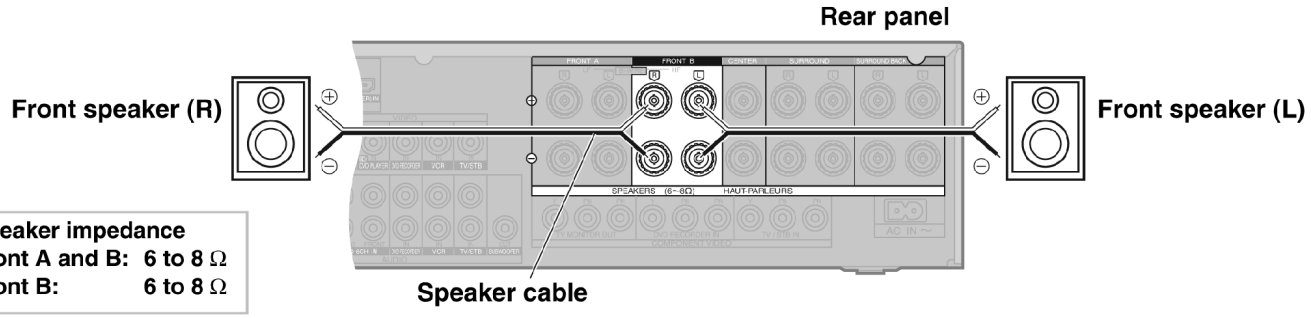
YES : When bi-wire speakers are connected
NO : When bi-wire speakers are not connected
Factory setting: ***NO***

4 Select and finish the setting.

- Turn off all equipment before making any connections.
- Peripheral equipment sold separately unless otherwise indicated.
- To connect equipment, refer to the appropriate operating instructions.

To connect a second pair of front speakers

Make the following connections when you wish to install a second pair of speakers in another room and enjoy music there.



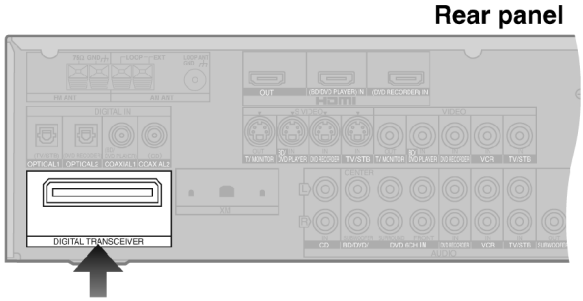
Speaker impedance
Front A and B: 6 to 8 Ω
Front B: 6 to 8 Ω

Note

- You cannot perform the operation described in “Auto speaker setup using the setup microphone” when “SPEAKERS B” is selected. When “SPEAKERS B” is selected, the unit automatically switches the selection to “SPEAKERS A” only and uses the setting for the auto speaker setup.
- Select “SPEAKERS B” when you wish to enjoy sounds from speakers connected to the FRONT B terminals.
- If you select “SPEAKERS B” only, playback is 2-channel stereo. When a surround source is played, the sounds intended for all the speakers are played through the front left and front right speakers **(2CH MIX)**.

Making surround speakers wireless with SH-FX50/SH-FX60

You can connect left and right surround speakers wirelessly by using Panasonic SH-FX50/SH-FX60 (A set consisting of a digital transceiver and a wireless system (sold separately)) with the unit.
To use this option, insert the digital transceiver into the unit’s digital transceiver terminal and connect surround speakers to SH-FX50/SH-FX60’s wireless system. See SH-FX50/SH-FX60’s operating instructions for details.



The “WIRELESS READY” indicator stays on while the digital transceiver is in.
The indicator does not go on in the following cases:
The indicator stays off:
- When the “SURROUND” indicator is off
- When surround speakers are set as absent

The indicator flashes:
- When radio waves are interrupted (when SH-FX50/SH-FX60 is off)

Note

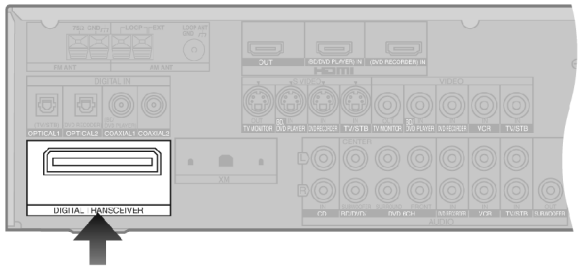
- Audio output changes as follows when you use surround speakers wirelessly.
  - The maximum number of playback channels is 5.1. Surround back speakers become unavailable. Sounds assigned to them are consolidated and output from surround speakers on the left and right.
  - Left and right surround terminals on the unit make no audio output. (No audio is output from the terminals while the “WIRELESS READY” indicator is flashing.)
- Make sure to turn the unit off before inserting or removing the digital transceiver.
- Surround speakers are set as connected when you perform automatic speaker detection.
- SH-FX60’s “2-way wireless” function becomes unavailable.

Connecting speakers

Sending audio to another room with SH-FX80

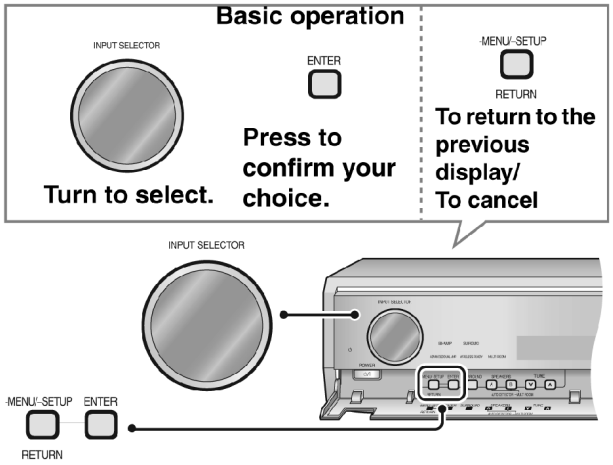
You can enjoy music wirelessly in another room (MULTI ROOM function) by installing Panasonic SH-FX80 (a set consisting of a digital transceiver and a wireless system sold separately).
Insert SH-FX80's digital transceiver into the unit's digital transceiver terminal.
• See SH-FX80's operating instructions for details.

Rear panel



• Make sure to turn the unit off before inserting or removing the digital transceiver.

Making MULTI ROOM setting



1 Press and hold [-MENU/–SETUP, RETURN] for about 2 seconds to enter the SETUP.

2 Select and confirm the choice.

3 Select and confirm the choice.

MULTI ROOM : when SH-FX80 is connected
SURR SPKR : when SH-FX50/SH-FX60 is connected

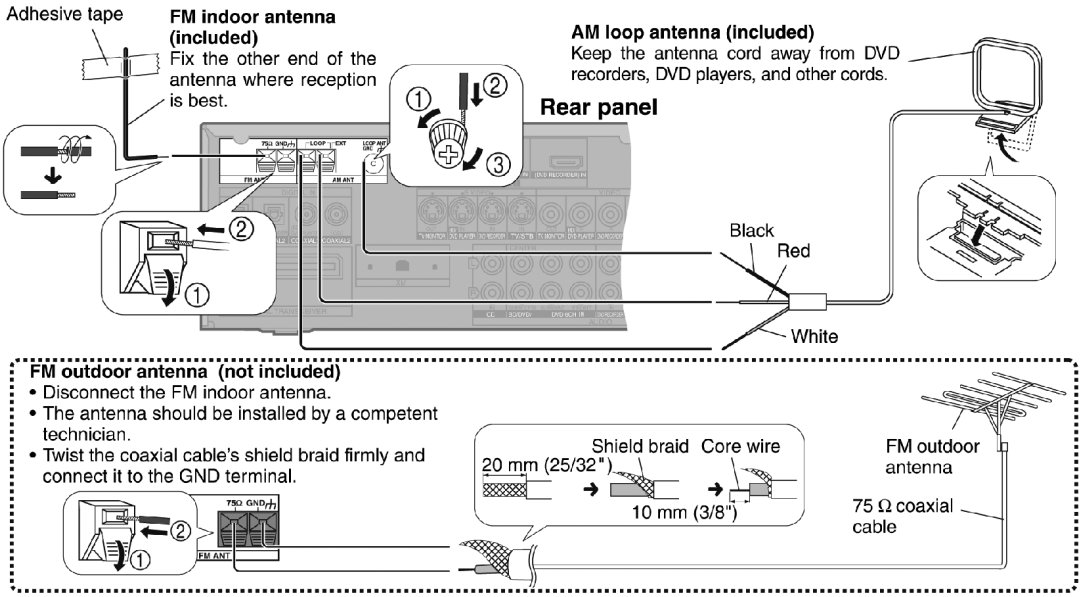
Factory setting: ***SURR SPKR***

4 Select and finish the setting.

5.3.6. For FM/AM antennas

- Turn off all equipment before making any connections.
- Peripheral equipment sold separately unless otherwise indicated.
- To connect equipment, refer to the appropriate operating instructions.

Connecting antennas


Adhesive tape
FM indoor antenna (included)
Fix the other end of the antenna where reception is best.
AM loop antenna (included)
Keep the antenna cord away from DVD recorders, DVD players, and other cords.
Rear panel
Black
Red
White
FM outdoor antenna (not included)
• Disconnect the FM indoor antenna.
• The antenna should be installed by a competent technician.
• Twist the coaxial cable's shield braid firmly and connect it to the GND terminal.
Shield braid
Core wire
20 mm (25/32")
10 mm (3/8")
FM outdoor antenna
75 Ω coaxial cable
75Ω GND
FM ANT

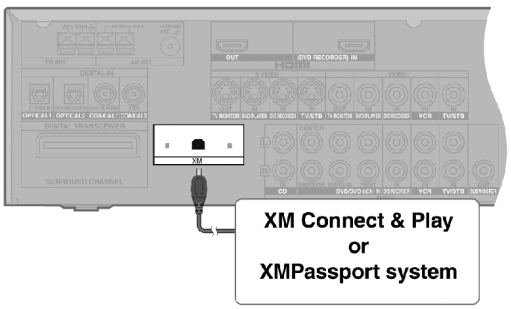
5.3.7. For XM connection

Connecting XM Connect & Play or XMPassport system

You can enjoy XM Satellite Radio on this unit by connecting the XM Connect & Play or XMPassport system (both not included).

• To receive XM Satellite Radio broadcast, you must apply to XM Satellite Radio Inc. for subscription.

XM Connect & Play or XMPassport system (both not included)

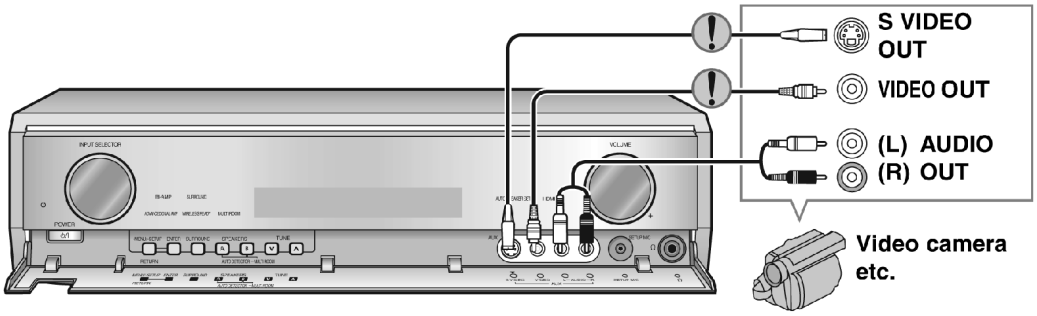


5.3.8. For Video Camera & Game Player

Connecting the unit to a video camera or game player etc.

These terminals are convenient for equipment you want to connect only temporarily.

• Use a cable that belongs to the same type as the video cable you used for connecting the unit to your TV.



6 Self Diagnosis Display Function

This unit is equipped with the self diagnosis display function, which alarms faulty operation with error code. Use this function during servicing.

6.1. Automatically Displayed Error Codes

An error code automatically appears on the display (LCD) when faulty operation is detected. Refer to Fig. 6.1.

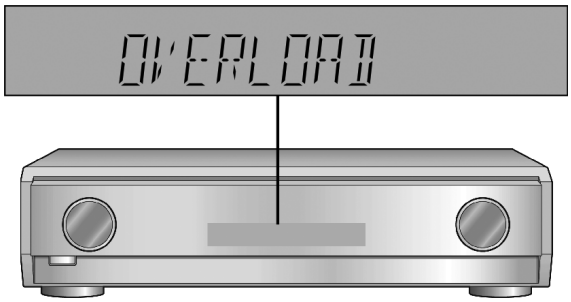


Fig. 6.1

6.2. Display Details

Refer to the following table.

LCD display	Symptom	Cause and Remedy
OVERLOAD	Speaker short, amplifier failure Humidity protection activated	Speaker short and failure in power amplifier, pre-amplifier circuits. Check for faulty parts and replace with new parts if necessary.
F70	Communication error between sub micro-processor and its peripheral LSI	Failure sub-micro processor and its peripherals LSI. Check for faulty parts and replace with new parts if necessary.
F76	When the power is turned on, the unit power automatically turns off; the power cannot be turned on.	Failure in the power circuit system of the unit. This may happen when the direct current electricity is supplied to speaker terminals. Check for the above and replace with new parts if necessary.

6.3. Overload/Shutdown Detection intenal Condition

It detects OVERLOAD, POWER MALFUNCTION with [THRM_DET], [SHORT_DET] and [DC_DET] input port. It detects the following condition depending on the input of the port as below table.

(H: DC ± 5V / L: DC ± 0V)

PROT			Detection of malfunction	Display and operation
SHORT_DET	THRM_DET	DC_DET		
H	L	H	Normal	-----
H	H	H	High Temp	Refer to ´THERMAL PROTECTION´
L	L	H	Speaker Short, Malfunction of Amplifier	[OVERLOAD] / POWER OFF
L	H	H	Detection of THERMAL PROTECTION	
-	-	L	Detection of POWER MALFUNCTION	[_ _ _ F76 _ _ _] / POWER OFF

6.4. Overload/Thermal Detection Display

When overload is detected, automatic POWER OFF will occur. But if any key on the remote control other than the [POWER] key is pressed before that (including the [HELP] key), the scroll display will show [SWITCH_OFF_POWER]. Then, 1 second after display of message, [OVERLOAD] will be shown on the scroll display.

6.5. Activating Self Diagnosis Function (Servicing Mode)

This mode can be used during servicing.

1. Plug the AC adapter to the power source. Press and hold down the [ENTER] button and the [SPEAKERS A] button, and then press the [POWER] button at the same time.
2. The message, [SERVICE] appears on the display for three seconds, and then it will display the following. Refer to Fig. 6.2.

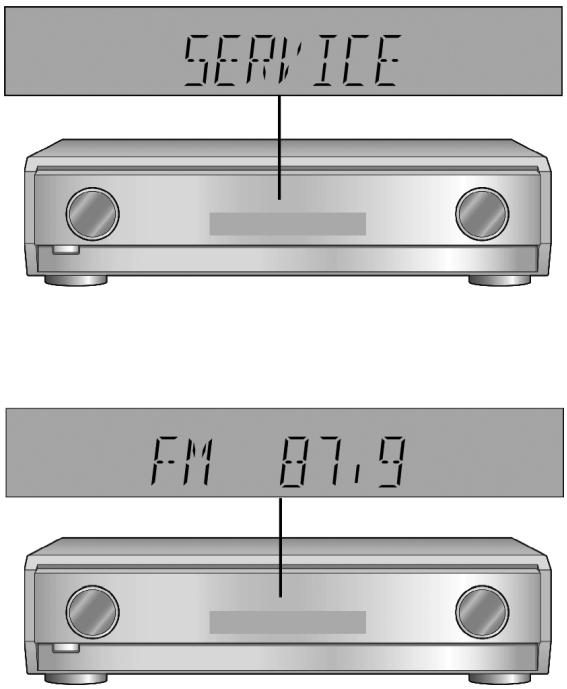


Fig. 6.2

3. When the [SPEAKER A] button is pressed, the current program filing number [M010 NO] appears. The **** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.

   When the [SPEAKER B] button is pressed, the sub micro computer program filing number [S009 0000] appears. The **** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.

   To confirm the HDMI µP software version : When [SURROUND] button is pressed, [H005] is displayed.

6.6. Returning to Normal Display

Press the [POWER] button on the unit to exit the function. The power is turned off.

6.7. Activating Self Diagnosis Function (Doctor Mode)

This mode can be used during servicing.

1. Plug the AC adapter to the power source. Press and hold down the [MENU-SETUP, RETURN] button and the [SPEAKERS A] button, and then press the [POWER] button at the same time.
2. Initialize all the setting and set the frequency “99.7MHz” to Tuner.

   The message, “_DOCTOR_” appears on the display for three seconds, and then it will display the following. Refer to Fig. 6.3.

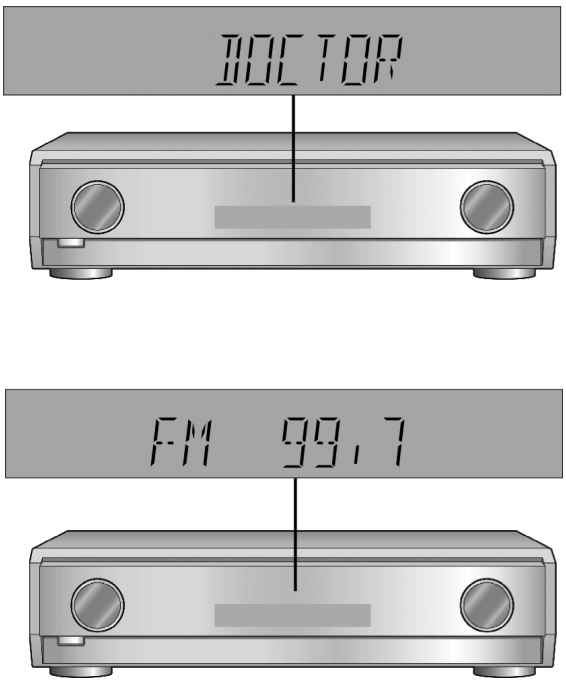


Fig. 6.3

3. Doctor mode function at some remote control codes as below table.

Remote Control	Test Mode Function and settings			
	Selector	Sound Mode	other settings	Vol/Tone
CH 1	TUNER	STEREO	Frequency : FM min	-48dB/0dB
CH 2	TUNER	STEREO	Frequency : FM max	-48dB/0dB
CH 3	TUNER	STEREO	FM 98.3MHz, All Led are displayed	-18dB/0dB
CH 4	TUNER	STEREO	Frequency : AM min	-48dB/0dB
CH 5	TUNER	STEREO	Frequency : AM max	-48dB/0dB
CH 6	TUNER	STEREO	AM 765kHz (9kHz/step)	-18dB/0dB
CH 7	TUNER	STEREO	AM 770kHz (10kHz/step)	-18dB/0dB
CH 8	If the input selector is TUNER, auto tuning function is started to upward on current frequency.			
CH 9	If the input selector is TUNER, auto tuning function is started to downward on current frequency.			
CH 0	All indicators of FL are displayed. All LED are off. Refer to Fig. 6.4. Note : After this setting, only 'POWER' button or 'Checker Command' code by the remote control can be entered.			
CH UP	Check Main µP software version.			
CH DOWN	Check µP software version and HDMI µP software version are displayed at each time pressing.			
SUBWOOFER	VCR (Analog)	-	All CH Output Mode	-18dB/0dB
MUTING	DVD 6CH	-	-	-18dB/0dB
PLIIx	CD	STEREO	Analog	-18dB/0dB
NEO:6	TV/STB	STEREO	Analog	-18dB/0dB
TV/AV	BD/DVD	STEREO	Analog	-18dB/0dB
LEVEL	DVR	STEREO	Analog	-18dB/0dB
EFFECT	CD	STEREO	Digital (COAX 2)	-48dB/0dB
OFF	TV/STB	STEREO	Digital (OPT 1)	-48dB/0dB
SFC MOVIE	BD/DVD	STEREO	Digital (COAX 1)	-48dB/0dB
SFC MUSIC	DVR	STEREO	Digital (OPT 2)	-48dB/0dB
TEST	No change	SURROUND	Scan the test noise output channel with 500ms intervals.	-18dB/0dB
-/L	CD	STEREO	Balance is set to leftmost	-18dB/0dB
+/R	CD	STEREO	Balance is set to rightmost	-18dB/0dB
DIMMER	If the input selector is TUNER in E2 mode. Display Mode (PS/PTY/RT) is changed.			

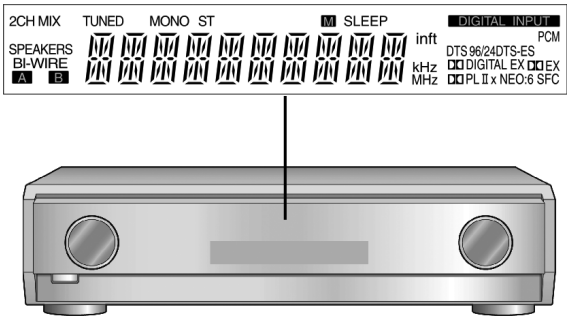
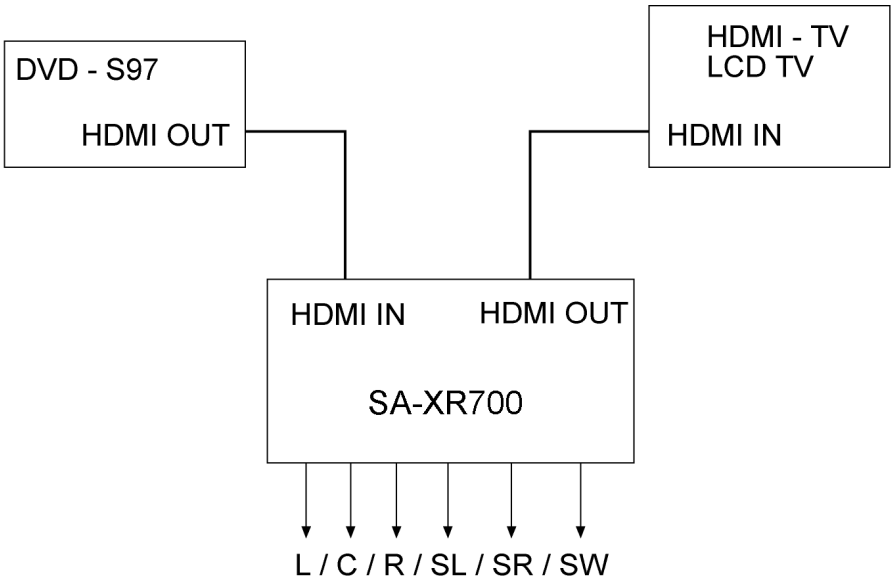

2CH MIX
TUNED
MONO
ST
M
SLEEP
DIGITAL INPUT
PCM
SPEAKERS
BI-WIRE
A
B
inft
kHz
MHz
DTS 96/24DTS-ES
DIGITAL EX
EX
PL II x NEO:6 SFC

Fig. 6.4

7 HDMI Checking Method

1. Connection of HDMI system



Setting of DVD-S97

[Setup Menu]

1. Video	→	TV Aspect	→	16:9
	→	TV type	→	LCD TV
2. Audio	→	PCM Digital Out	→	Up to 192kHz
	→	Dolby Digital	→	Bitstream
	→	DTS Digital Sound	→	Bitstream
3. HDMI	→	HDMI RGB Range	→	Enhanced
	→	HDMI Video mode	→	on
	→	HDMI Audio output	→	on

[Display Menu]

1. Picture Menu	→	Picture mode	→	Normal
	→	Video output mode	→	1125i (1080i)
	→	HDMI Colour space	→	RGB

2. Check of HDMI Sound
   a. Using the [DVD AUDIO TEST DISC V-612] and DVD-VIDEO disc with Dolby Digital signal.
   b. [DVD AUDIO TEST DISC V-612] - Track No. 92 (96kHz, 5.1ch). Track No. 40 (Zero) Check the Level and Noise, output from L / C / R / SL / SR / SW / speaker or pin.
   c. [DVD AUDIO TEST DISC V-612] - Track No. 7 (192kHz, 2ch)
   if this source can be reproduced, it is OK.
3. Check of HDMI Picture
   a. The picture quality of TV is checked by watching that using [DVD TEST DISK S-20] or DVD disc with the colour bar signal.
   b. [DVD TEST DISK S-20] - Track No. 2 (Flag of the rising sun)
   [Colour bar disc] - Colour bar signal.
   c. Make on DVD Setup Picture
   Comfirmed that there are neither distortion nor a noise on the screen.

・If it is a picture quality equal when DVD was connected directly to TV, it is OK

1. Connect directly DVD player to TV.
2. Connect DVD player to set then connect it to TV.
3. Do the comparison for (1) and (2) if same, it is OK.

7.1. What is HDMI?

The High-Definition Multimedia Interface (HDMI) is rapidly emerging as the connection standard for HDTV. Developed by Sony, Hitachi, Thomson (RCA), Philips, Matsushita (Panasonic), Toshiba and Silicon Image as the digital interface standard for the consumer electronics market, HDMI combines high-definition video and multi-channel audio in a single digital interface to provide crystal-clear digital quality over a single cable. One cable for audio and video dramatically simplifies home theater system installation and eliminates the cable mess behind entertainment system components. HDMI offers significant advantages over analog A/V connections, including the ability to transmit uncompressed digital video and audio content. Hollywood studios and cable and satellite operators support HDMI.

HDMI is based on Silicon Image´s TMDS® technology and is fully backward compatible with PCs and displays incorporating the Digital Visual Interface (DVI) standard, which was also pioneered by Silicon Image. Because it was designed specifically for consumer electronics applications, HDMI offers additional consumer enhancements. Content comes in a variety of sizes, resolutions and formats, and HDMI systems will automatically configure to display content in the most effective format. In addition, with a point and click, HDMI´s integrated remote capability automatically configures the home theater system on demand, turning on or off the components necessary to view a DVD, listen to a CD or watch cable or satellite TV.

AN INTERFACE DESIGNED FOR THE DIGITAL REVOLUTION

From broadcast equipment to TVs, the AV world is going digital. As this digital revolution unfolds, there's a growing need for an interface that digitally transmits signals between connected equipment. The solution: HDMI, or High-Definition Multimedia Interface.

HDMI transmits digital video and audio signals at speeds up to 5 Gps without compressing them. It supports high-definition images up to 1080p and high-quality , multi-channel audio formats such as DVD-Audio. And it provides all this performance with the ease of connecting a single cable.

Also equipped with a copyright protection function, HDMI is a simple, high-performance interface that supports the growing digital age.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

FOUNDERS

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Panasonic
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HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

1. ADVANCED DIGITAL PICTURES

Digital transmission of video signals helps maximize the quality of HDTV images.

2. ADVANCED DIGITAL SOUND

Digital transmission of multi-channel audio signals, such as DVD-Audio signals, provides an exceptionally pure sound.

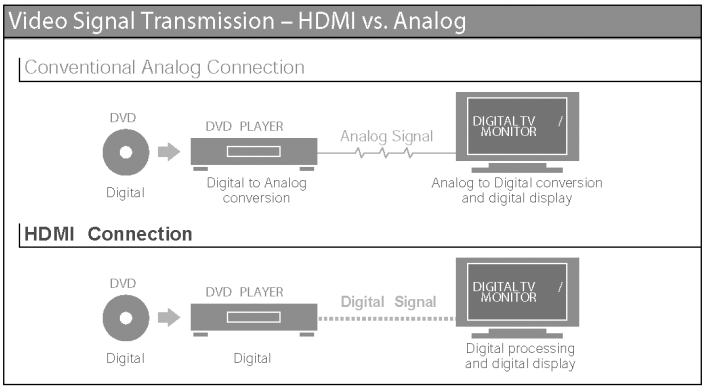
3. EASY TO USE

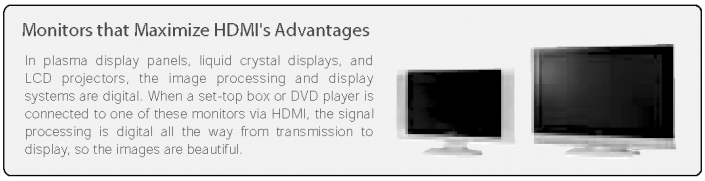
Both video and audio signals are transmitted over a single cable, so connection is easier and there's less clutter.

	Video Signal Type	Audio Signal	Copyright Protection	Signal Compression
HDMI	Digital	●	●	Without compression
IEEE 1394	Digital	●	●	Compression
DVI + HDCP	Digital	–	●	Without compression
DVI	Digital	–	–	Without compression

7.2. Advanced Digital Pictures

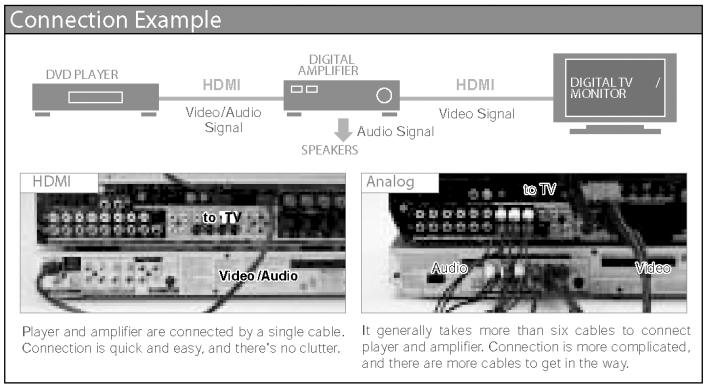
Compare HDMI connection with conventional analog connection, using the DVD player as an example. With an analog connection, the digital signal from the DVD player is converted to analog and sent to the TV, then converted back to digital and displayed. Inevitably, there is some loss of picture quality due to conversion errors and to noise and signal degradation that occurs as the signal travels through the cable.
With HDMI, on the other hand, the DVD signal is transmitted to the TV in its original digital form. There is no conversion from digital to analog and back, and thus no quality loss from conversion errors. Image quality is thus higher. Plus, because HDMI supports 480p, 1080i, and up to 1080p high-definition images with copy protection, it produces images with quality that is ideal for large-screen viewing.

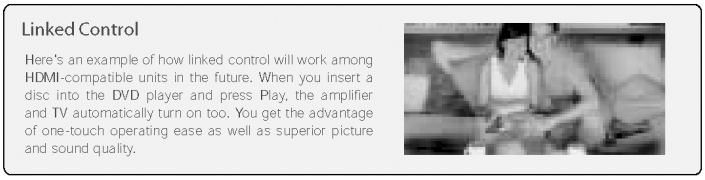



Monitors that Maximize HDMI's Advantages
In plasma display panels, liquid crystal displays, and LCD projectors, the image processing and display systems are digital. When a set-top box or DVD player is connected to one of these monitors via HDMI, the signal processing is digital all the way from transmission to display, so the images are beautiful.

7.3. Advanced Digital Sound

The super-high-quality linear PCM sound provided by DVD-Audio is not given its full potential when the digital signal is transmitted through an analog cable.
With a conventional analog connection, the digital signal carrying DVD-Audio's detailed audio data is converted to analog before being sent to the amplifier and output. Sound quality is diminished due to noise and signal degradation.
HDMI, on the other hand, transmits the signal in its original digital form, so the sound is extremely pure. HDMI also supports up to eight channels of multi-channel sound. Plus, it connects the player and amplifier with a single cable, rather than the multiple cables needed in conventional connection.




Linked Control
Here's an example of how linked control will work among HDMI-compatible units in the future. When you insert a disc into the DVD player and press Play, the amplifier and TV automatically turn on too. You get the advantage of one-touch operating ease as well as superior picture and sound quality.

7.4. Easy to Use

HDMI transmits both video and audio signals over a single cable, so connection is quick and easy and the area around the TV remains uncluttered. Also, when each of the connected units is HDMI-compatible, control signals can be exchanged among them. This means that, in the future, it will be possible to operate several units from a single remote control, or to operate several units via linked control.

7.5. HDMI Compatible Products

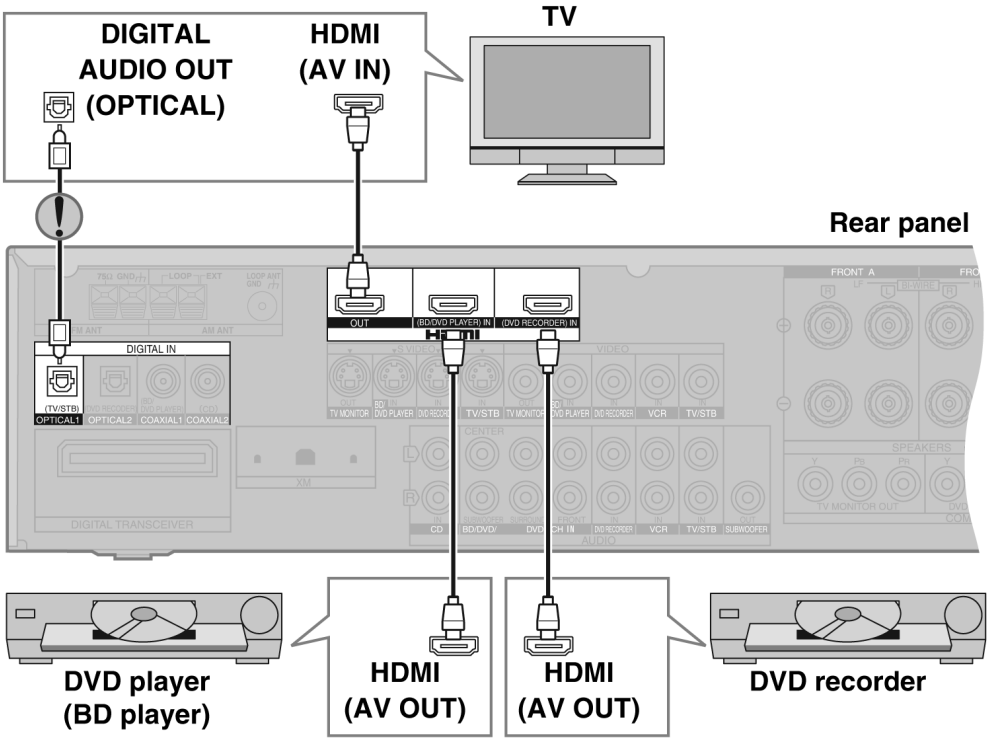
7.6. Main features and benefits

· **All digital provides the highest quality —**

HDMI is the only interface in consumer electronics that can carry both uncompressed high-definition video and uncompressed multi-channel audio in all HD formats, including 720p, 1080i and even upcoming 1080p.

· **A single cable connection means no more cable mess —**

Since HDMI carries all digital video and audio channels, there is only one cable to connect any HDMI-enabled source device to a display.



7.7. Other features and benefits

· **Automatic format adjustment matches content to preferred viewing format —**

HDMI systems can automatically configure to display content in its most effective format. If cable TV content jumps from 16:9 format to standard 4:3, an HDMI-enabled TV will automatically adjust to match the ideal format.

- **Integrated remote provides simple control of your system —**

  HDMI allows CE manufacturers to build intelligence into their devices so that one remote click can configure your entire HDMI-enabled system to turn certain components on or off depending on the specific components that are required.

- **PC Compatibility enables viewing of your PC data on your HDTV —**

  HDMI-enabled devices are backwards compatible with the broad array of DVI-based PCs so that you can display gaming or entertainment content on your HDTV.

8 Assembling and Disassembling

8.1. Caution

“ATTENTION SERVICER”

Some chassis components may be have sharp edges. Be careful when disassembling and servicing.

1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
2. For reassembly after operation checks or replacement, reverse the respective procedures.
   Special reassembly procedures are described only when required.
3. Select items from the following index when checks or replacement are required.

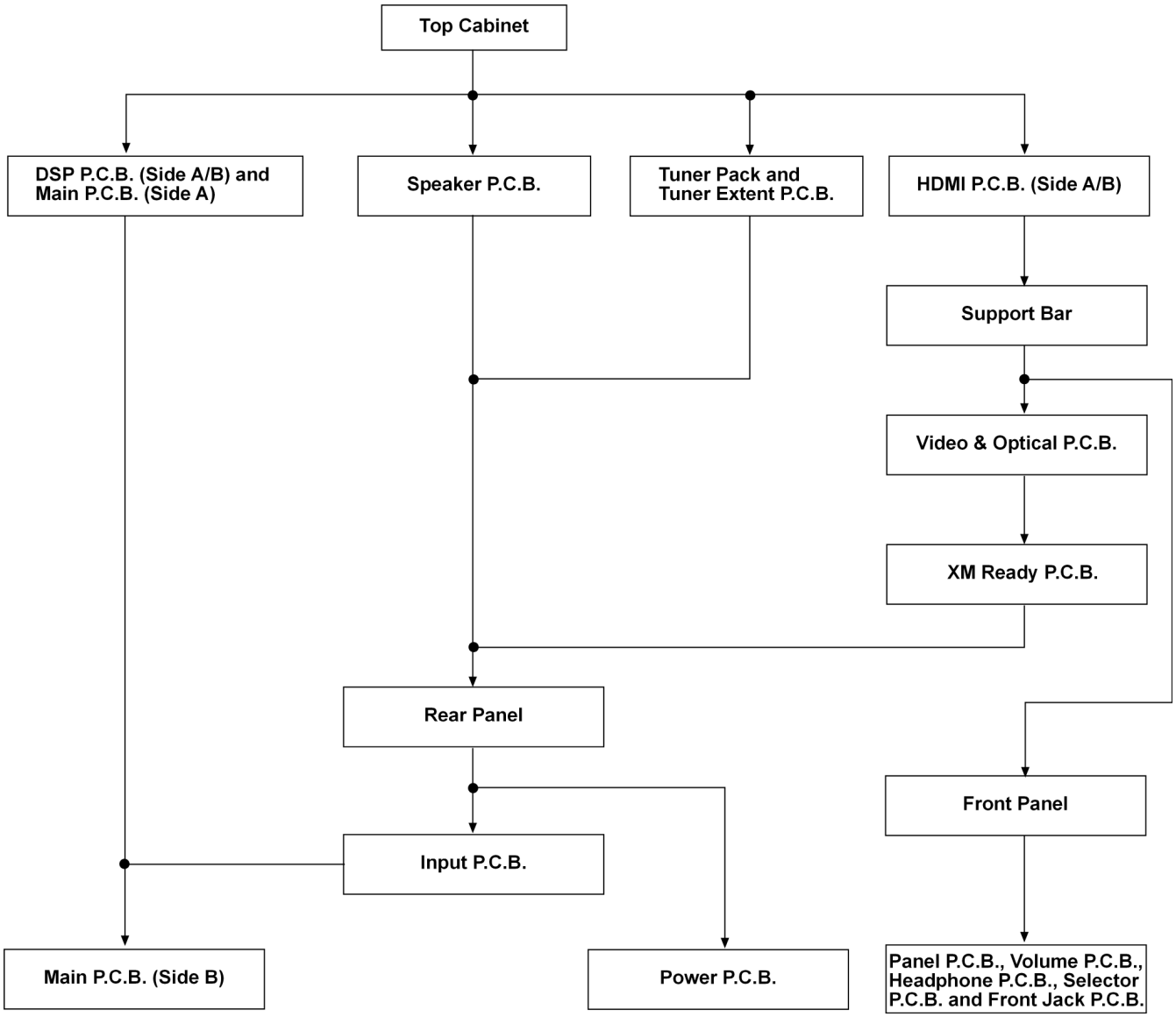
Below is the list of disassembly sections

- **Disassembly of Top Cabinet**
- **Disassembly and Checking the DSP P.C.B. (Side A/B) and Main P.C.B. (Side A)**
- **Disassembly of Tuner Pack and Tuner Extent P.C.B.**
- **Disassembly and Checking of Speaker P.C.B.**
- **Disassembly and Checking of HDMI P.C.B. (Side A/B)**
- **Disassembly Support Bar**
- **Disassembly and Checking of Video & Optical P.C.B.**
- **Disassembly of XM Ready P.C.B.**
- **Disassembly of Rear Panel**
- **Disassembly and Checking of Input P.C.B.**
- **Disassembly and Checking of Main P.C.B. (Side B)**
- **Disassembly and Checking of Power P.C.B.**
- **Disassembly of Front Panel**
- **Disassembly and Checking of Panel P.C.B., Volume P.C.B., Headphone P.C.B., Selector P.C.B. and Front Jack P.C.B.**
- **Insert wire & Wire dressing**

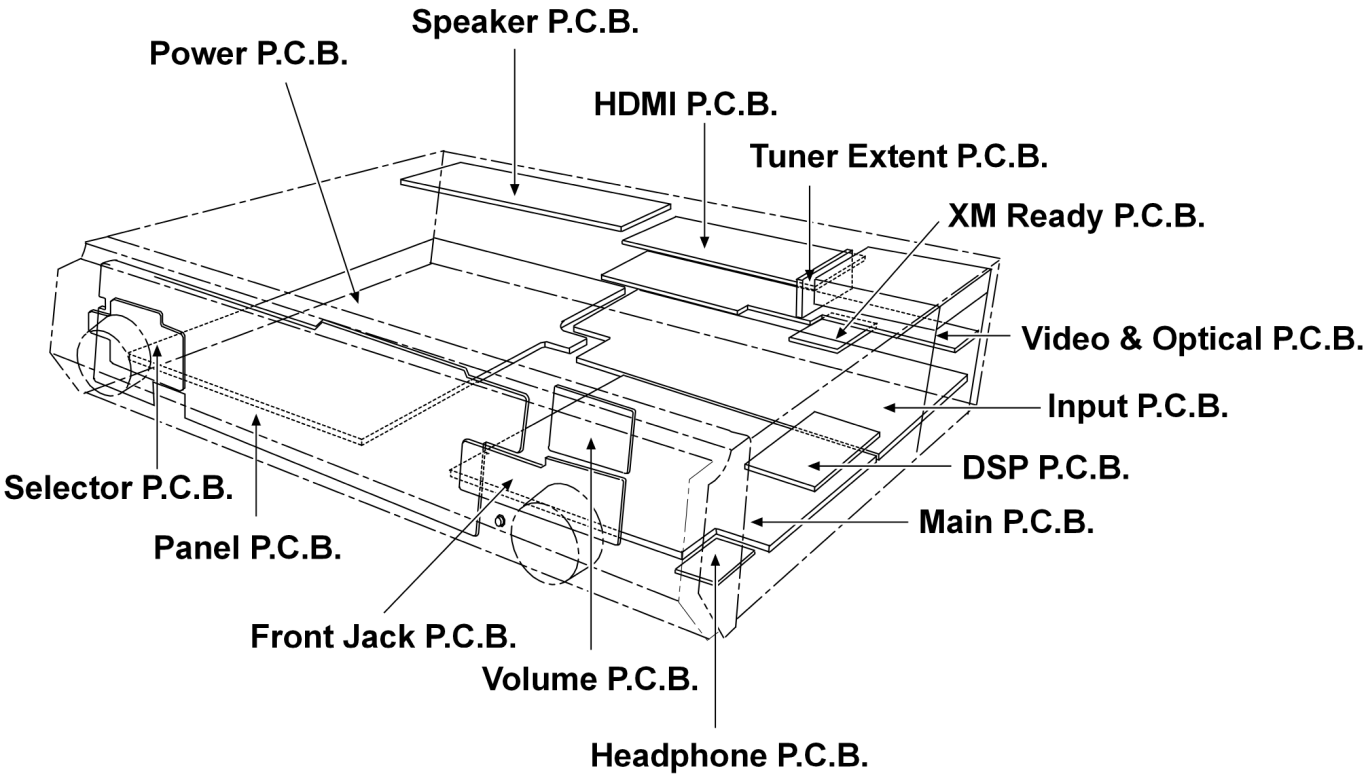
8.2. Disassembly flow chart

The following chart is the procedure for disassembling the casing and inside parts for internal inspection when carrying out the servicing.

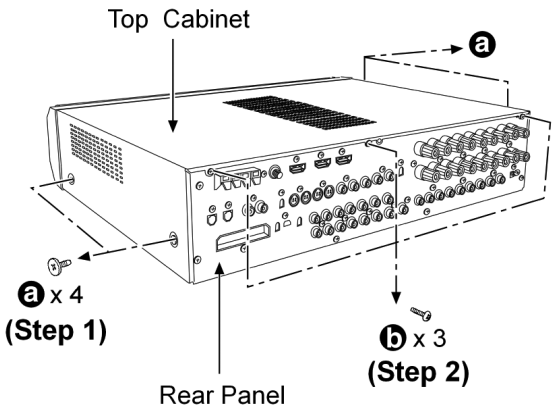
To assemble the unit, reverse the steps shown in the chart below.


Top Cabinet
DSP P.C.B. (Side A/B) and Main P.C.B. (Side A)
Speaker P.C.B.
Tuner Pack and Tuner Extent P.C.B.
HDMI P.C.B. (Side A/B)
Support Bar
Video & Optical P.C.B.
XM Ready P.C.B.
Rear Panel
Front Panel
Input P.C.B.
Main P.C.B. (Side B)
Power P.C.B.
Panel P.C.B., Volume P.C.B., Headphone P.C.B., Selector P.C.B. and Front Jack P.C.B.

8.3. Main Parts Location Diagram

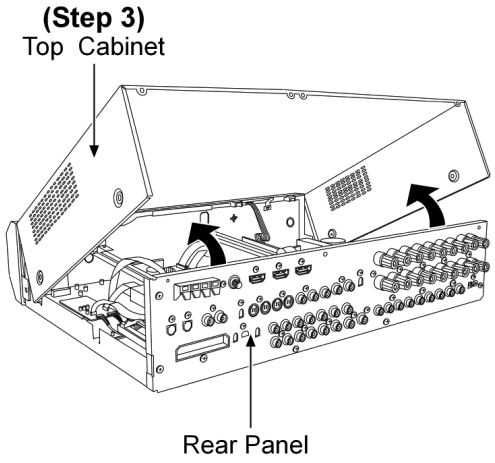


8.4. Disassembly of Top Cabinet

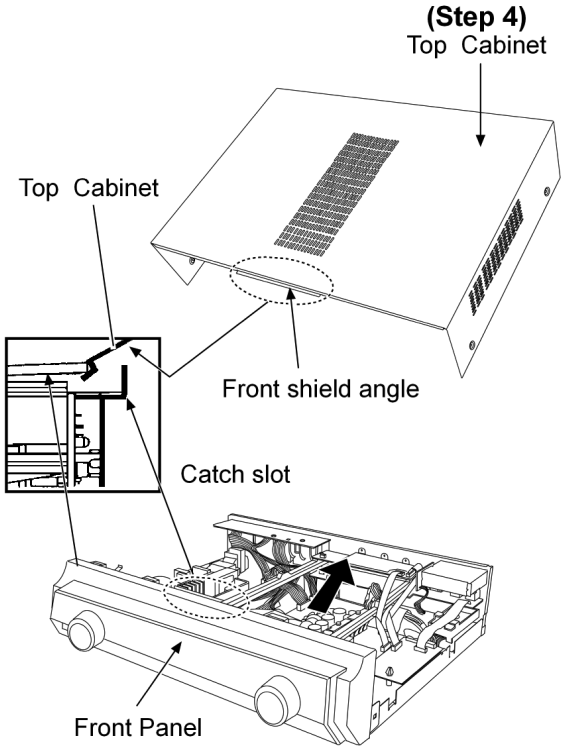


Step 1 : Remove 4 screws from the top cabinet.

Step 2 : Remove 3 screws from the rear panel.



Step 3 : Lift up the top cabinet as arrow shown.

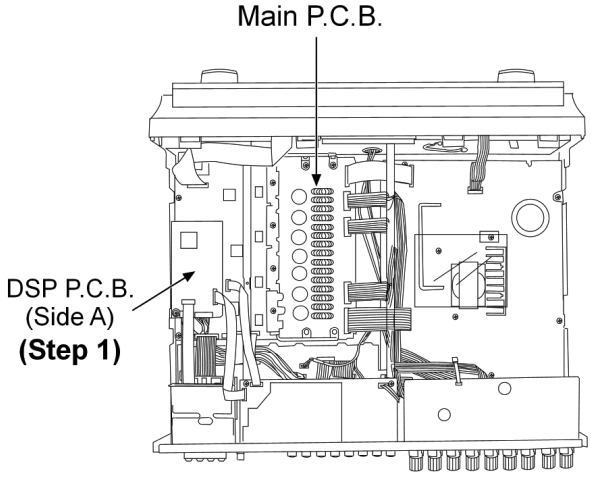


NOTE:
Be careful of the catch slot between front shield angle and front panel when removing the top cabinet from the unit.

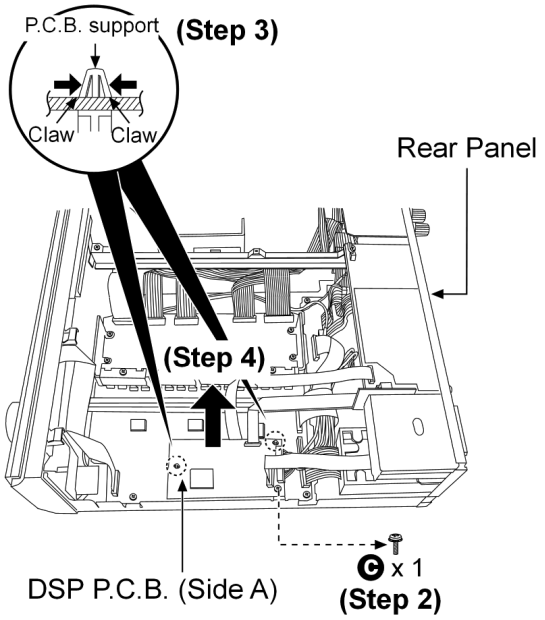
Step 4 : Remove the top cabinet.

8.5. Disassembly and Checking the DSP P.C.B. (Side A/B) and Main P.C.B. (Side A)

・Follow the (Step 1) - (Step 4) of item 8.4.



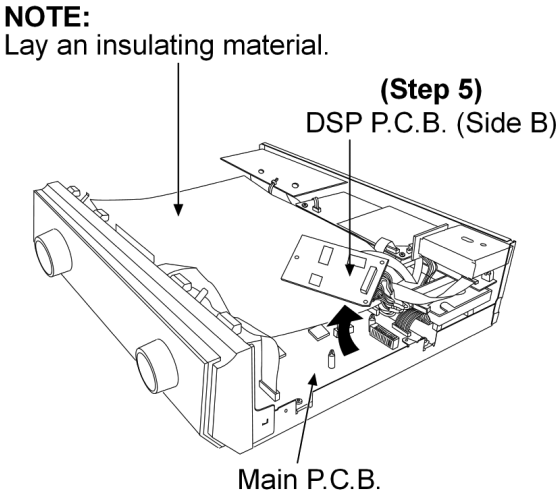
Step 1 : Check the DSP P.C.B. (Side A).



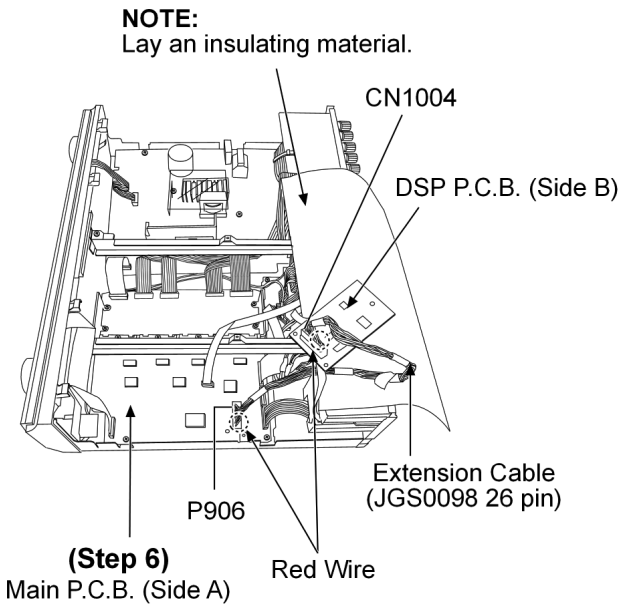
Step 2 : Remove 1 screw.

Step 3 : Release the claws of the P.C.B support then detach the DSP. P.C.B.

Step 4 : Remove DSP P.C.B. (Side A) as arrow shown.



Step 5 : Flip over the DSP P.C.B. as arrow shown.

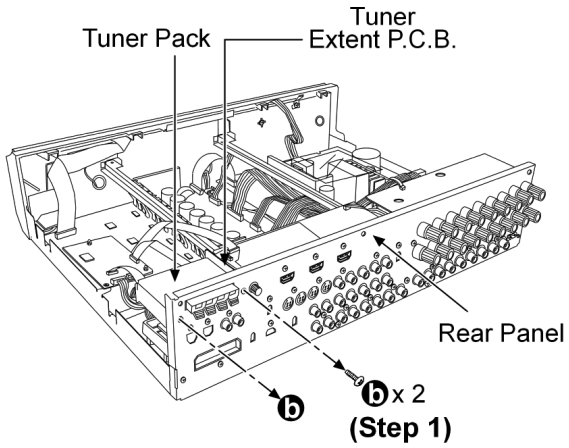


Caution:
Red wire in the extension cable connect between Main P.C.B (Side A) and DSP P.C.B (Side B) should be connected to the same position as original cable.

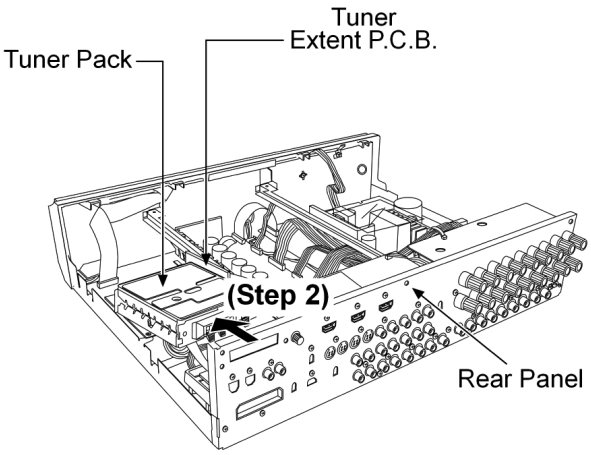
Step 6 : Connect the DSP P.C.B. (Side B) and Main P.C.B. (Side A) by using the extension cable then proceed with the checking.

8.6. Disassembly of Tuner Pack and Tuner Extent P.C.B.

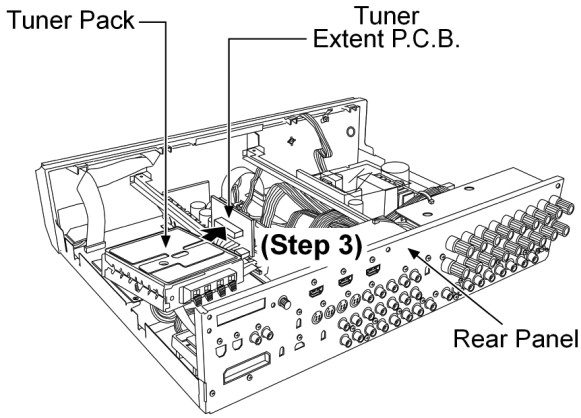
・Follow the (Step 1) - (Step 4) of item 8.4.



Step 1 : Remove 2 screws.



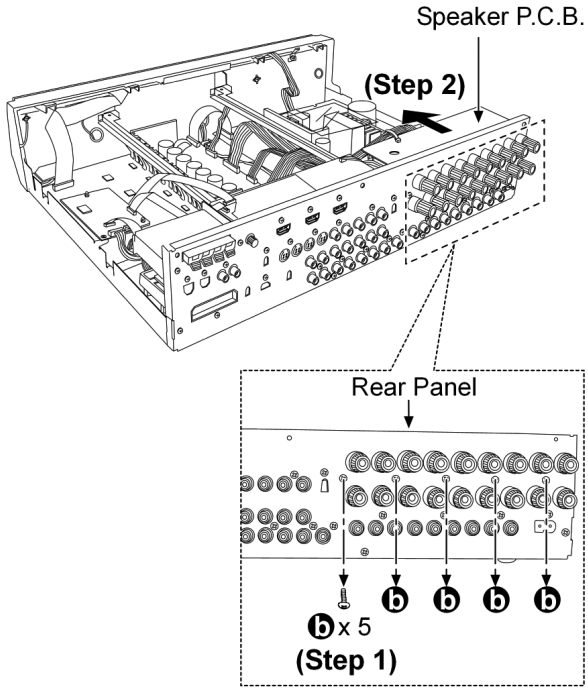
Step 2 : Remove the Tuner Pack together with the Tuner Extent P.C.B. from the rear panel as arrow shown.



Step 3 : Detach the Tuner Extent P.C.B. from the Tuner Pack as arrow shown.

8.7. Disassembly and Checking of Speaker P.C.B.

・Follow the (Step 1) - (Step 4) of item 8.4.

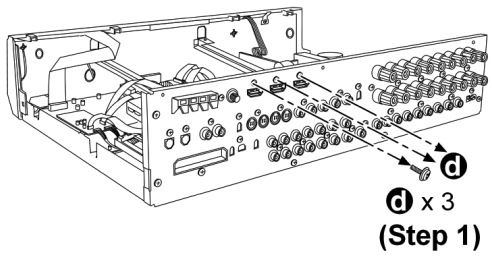


Step 1 : Remove 5 screws.

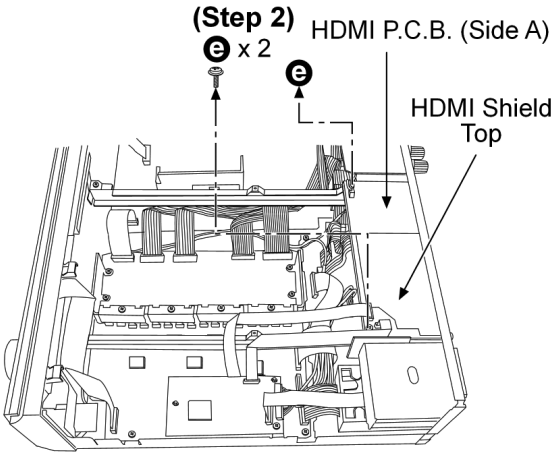
Step 2 : Remove the Speaker P.C.B. from rear panel as arrow shown for checking.

8.8. Disassembly and Checking of HDMI P.C.B. (Side A/B)

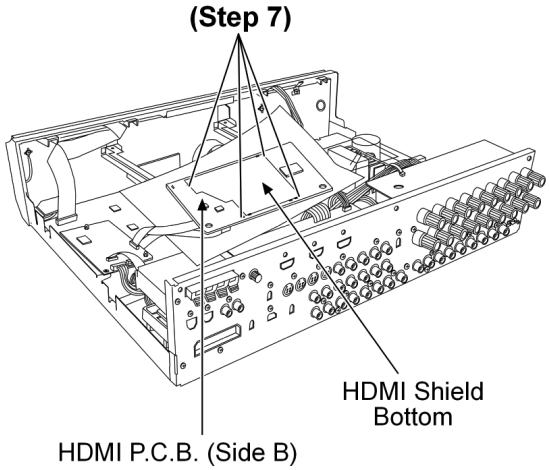
・Follow the (Step 1) - (Step 4) of item 8.4.



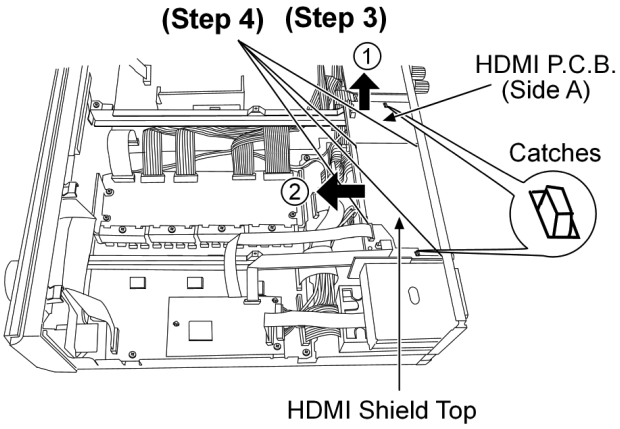
Step 1 : Remove 3 screws from Rear Panel.



Step 2 : Remove 2 screws from HDMI P.C.B. (Side A).



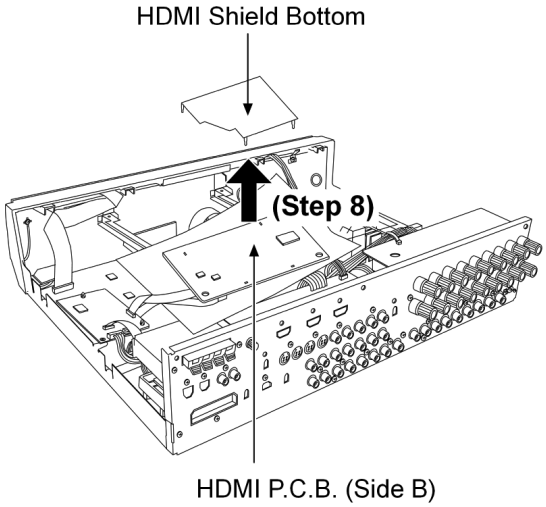
Step 7 : Desolder 4 point from HDMI P.C.B. (Side B).



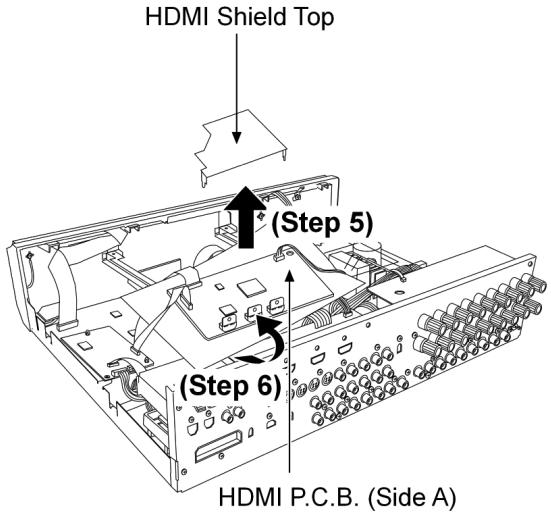
Caution:
Be careful 2 catches during remove HDMI P.C.B.

Step 3 : Lift up the HDMI P.C.B. by sequence.

Step 4 : Desolder 4 point from HDMI P.C.B. (Side A).



Step 8 : Remove HDMI Shield Bottom as arrow shown and checking HDMI P.C.B. (Side B).

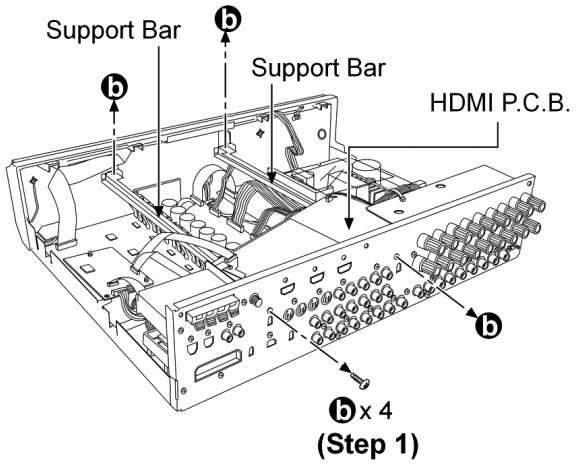


Step 5 : Remove HDMI Shield Top as arrow shown and checking HDMI P.C.B. (Side A).

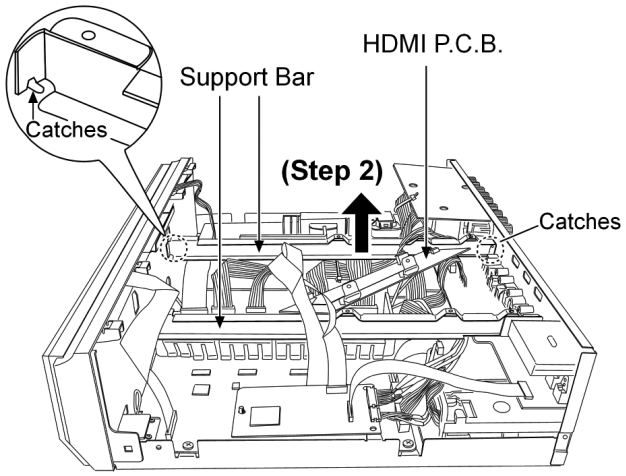
Step 6 : Gently flip over to (Side B) as arrow shown.

8.9. Disassembly Support Bar

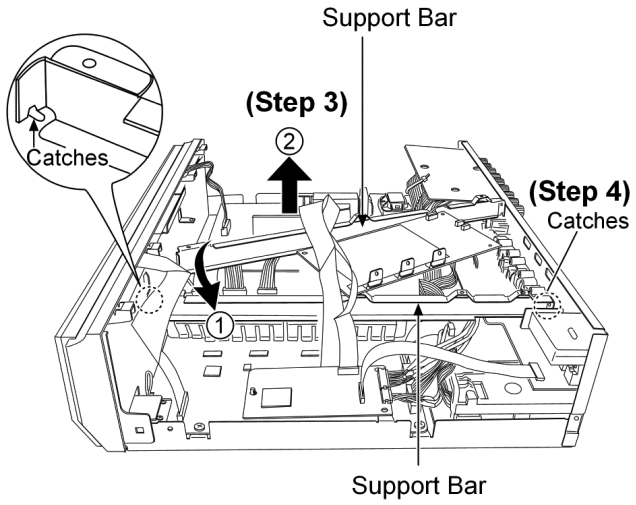
- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) - (Step 3) of item 8.8.



Step 1 : Remove 4 screws.



Step 2 : Move up the Support Bar as arrow shown and be careful of the catches.

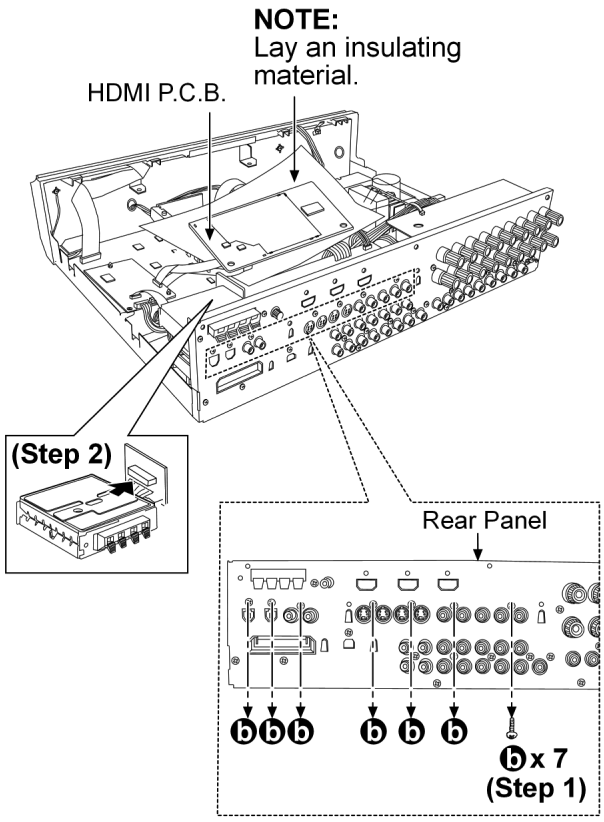


Step 3 : Turn and remove the support bar as arrow show in order.

Step 4 : Remove another support bar Follow (Step 2) - (Step 3).

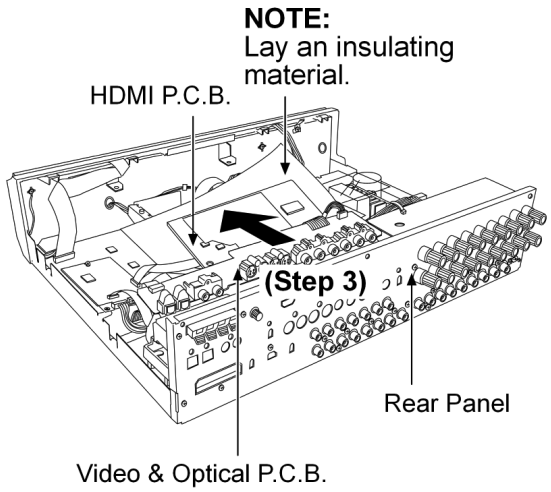
8.10. Disassembly and Checking of Video & Optical P.C.B.

- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) - (Step 3) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.

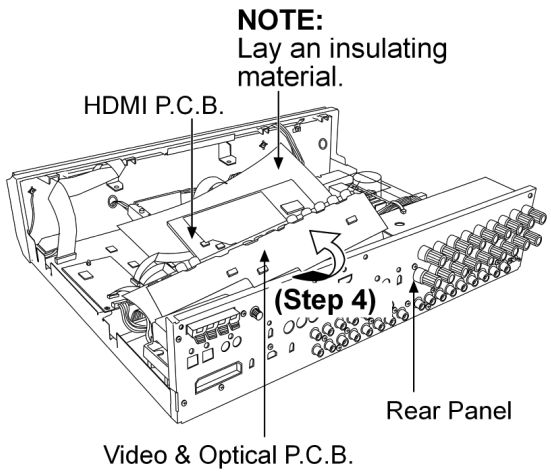


Step 1 : Remove 7 screws.

Step 2 : Detach the Tuner Extent P.C.B. as arrow shown.



Step 3 : Remove the Video & Optical P.C.B. from rear panel as arrow shown.

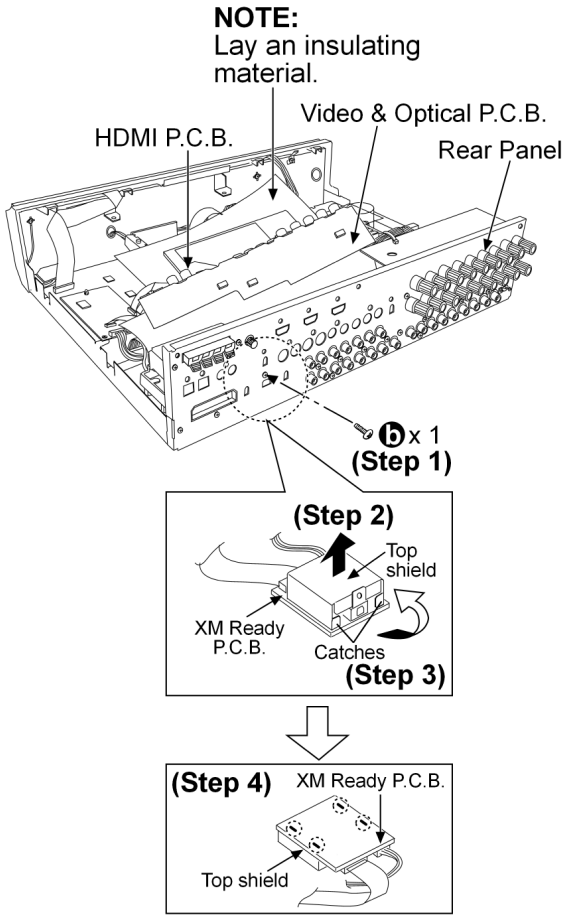


Step 4 : Flip over the video & Optical P.C.B. as arrow shown and checking Video & Optical P.C.B..

Step 5 : Connect P101 to Tuner Pack and check the Video & Optical P.C.B..

8.11. Disassembly of XM Ready P.C.B.

- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) - (Step 3) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) - (Step 5) of item 8.10.



Step 1 : Remove 1 screw.

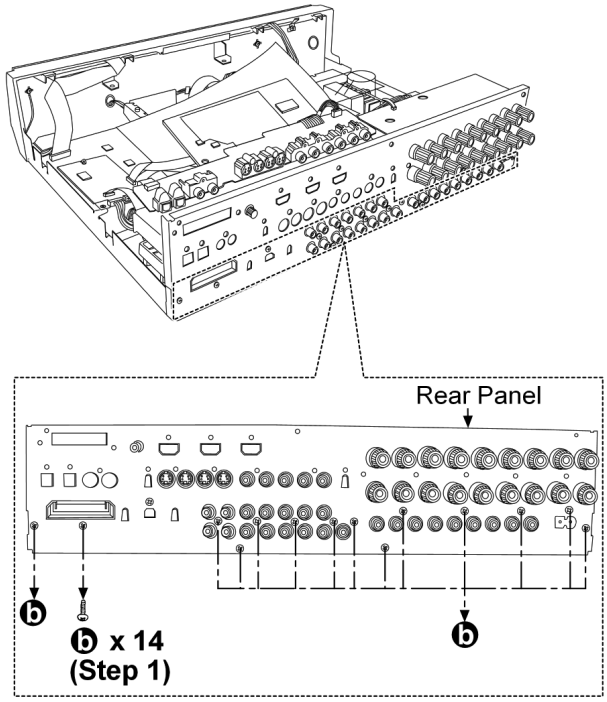
Step 2: Remove the XM Ready P.C.B. as arrow shown. (Becareful of catches)

Step 3: Flip the XM Ready P.C.B. as arrow shown.

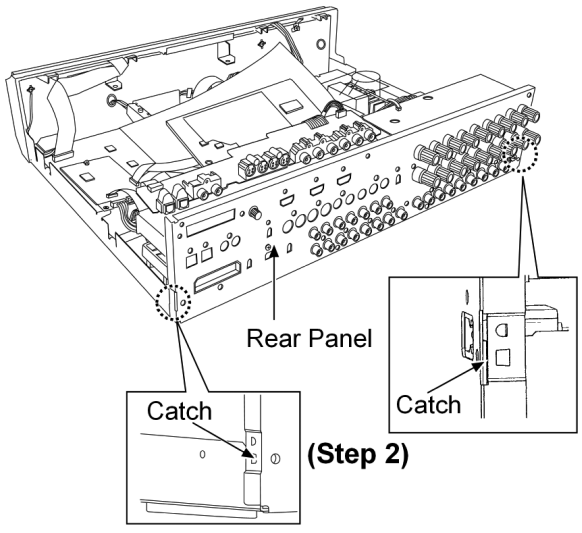
Step 4: Desolder the 4 points to detach the top shield then proceed for checking of the XM Ready P.C.B.

8.12. Disassembly of Rear Panel

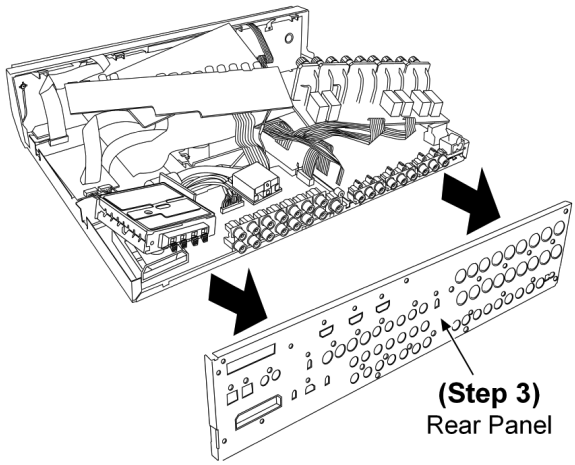
- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) of item 8.6.
- Follow the (Step 1) of item 8.7.
- Follow the (Step 1) - (Step 2) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) of item 8.10.
- Follow the (Step 1) of item 8.11.



Step 1 : Remove 14 screws.



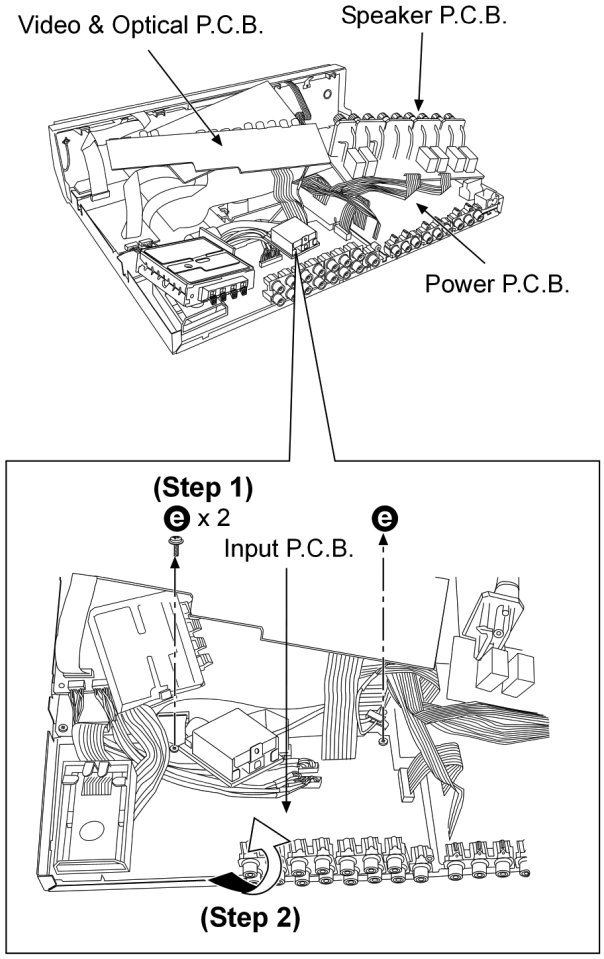
Step 2 : Be careful of the both side catches when remove the rear panel.



Step 3 : Remove the rear panel as arrow shown.

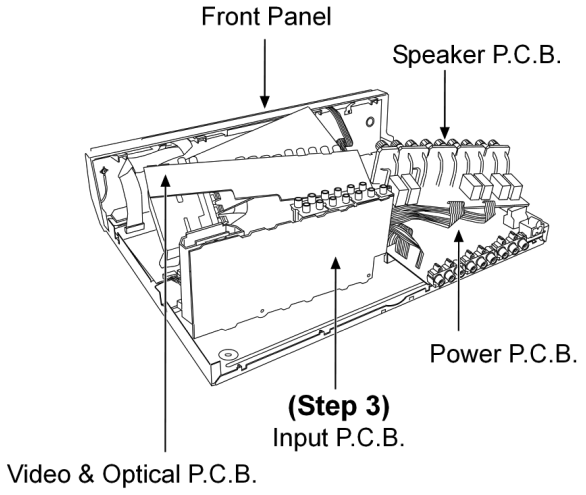
8.13. Disassembly and Checking of Input P.C.B.

- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) of item 8.6.
- Follow the (Step 1) of item 8.7.
- Follow the (Step 1) - (Step 2) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) of item 8.10.
- Follow the (Step 1) of item 8.11.
- Follow the (Step 1) - (Step 3) of item 8.12.



Step 1 : Remove 2 screws.

Step 2 : Flip over the Input P.C.B. as arrow shown.

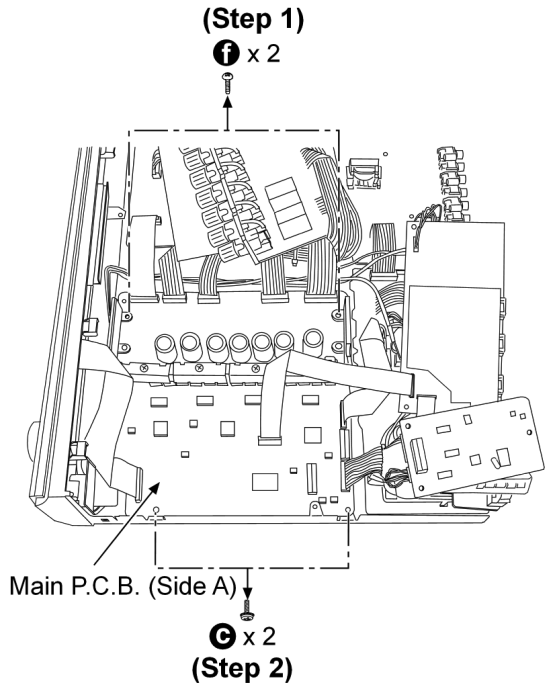


Step 3 : Proceed to check the Input P.C.B..

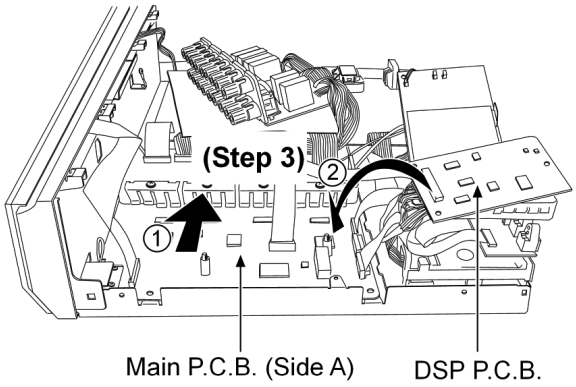
8.14. Disassembly and Checking of Main P.C.B. (Side B)

- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 2) - (Step 4) of item 8.5.
- Follow the (Step 1) of item 8.6.

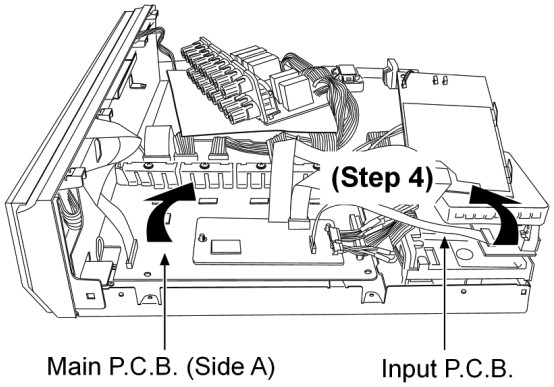
- Follow the (Step 1) of item 8.7.
- Follow the (Step 1) - (Step 2) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) of item 8.10.
- Follow the (Step 1) of item 8.11.
- Follow the (Step 1) - (Step 3) of item 8.12.
- Follow the (Step 1) of item 8.13.



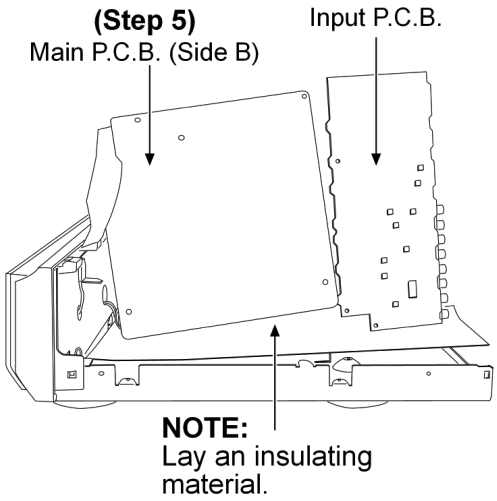
Step 1 and 2 : Remove 4 screws altogther.



Step 3 : Slide out the Main P.C.B. as arrow shown and connect back DSP P.C.B. as arrow shown.



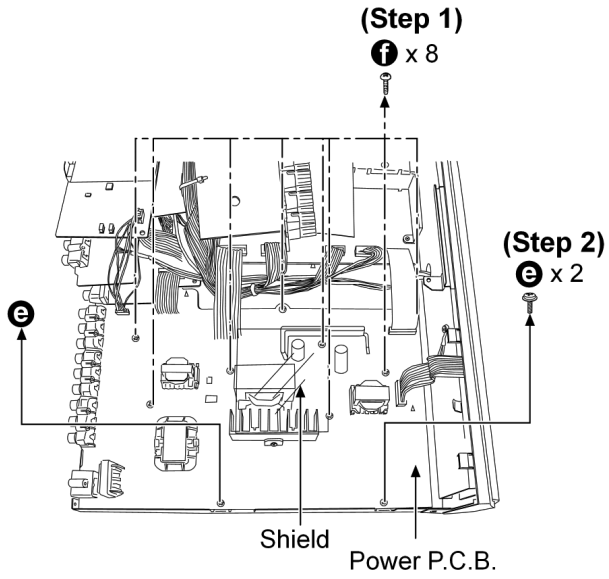
Step 4 : Flip the Main P.C.B. and Input P.C.B. altogether as arrow shown.



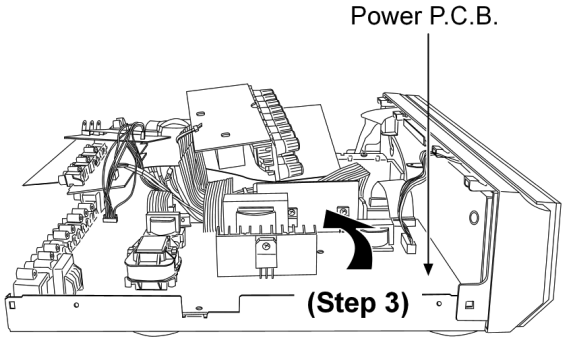
Step 5 : Proceed to check the Main P.C.B. (Side B).

8.15. Disassembly and Checking of Power P.C.B.

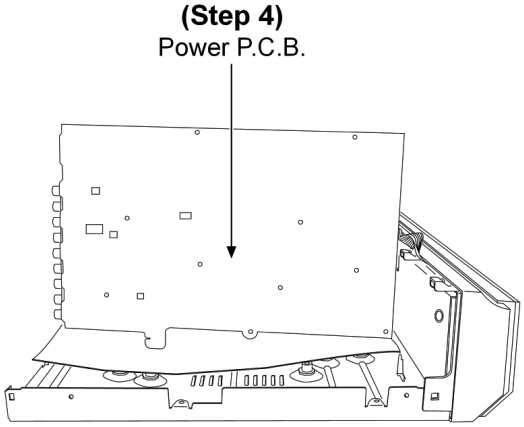
- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) of item 8.6.
- Follow the (Step 1) of item 8.7.
- Follow the (Step 1) - (Step 2) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) of item 8.10.
- Follow the (Step 1) of item 8.11.
- Follow the (Step 1) - (Step 3) of item 8.12.



Step 1 and 2 : Remove 10 screws and Shield altogether.



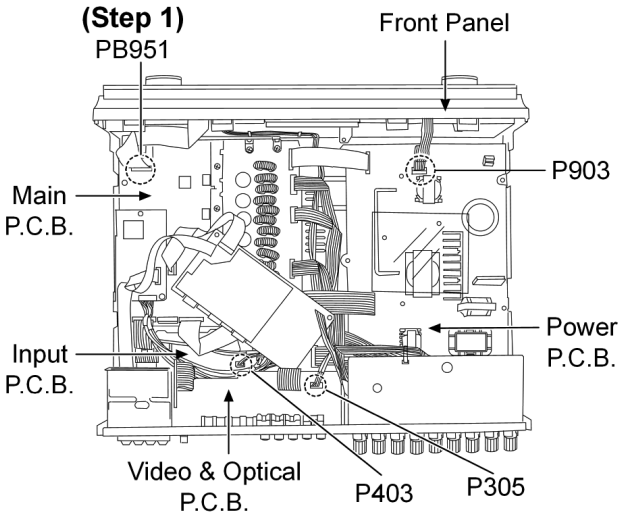
Step 3 : Flip over Power P.C.B. as arrow shown.



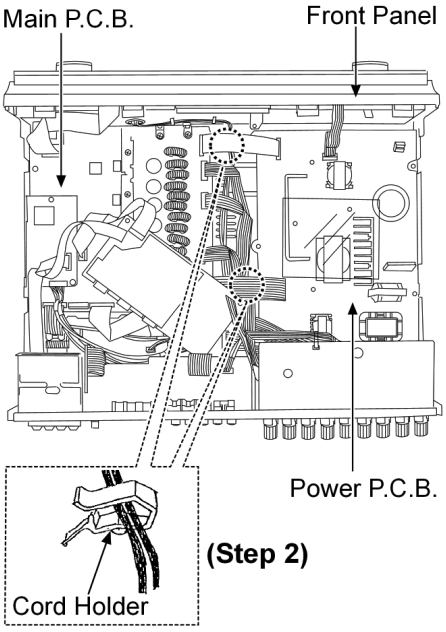
Step 4 : Proceed to check the Power P.C.B..

8.16. Disassembly of Front Panel

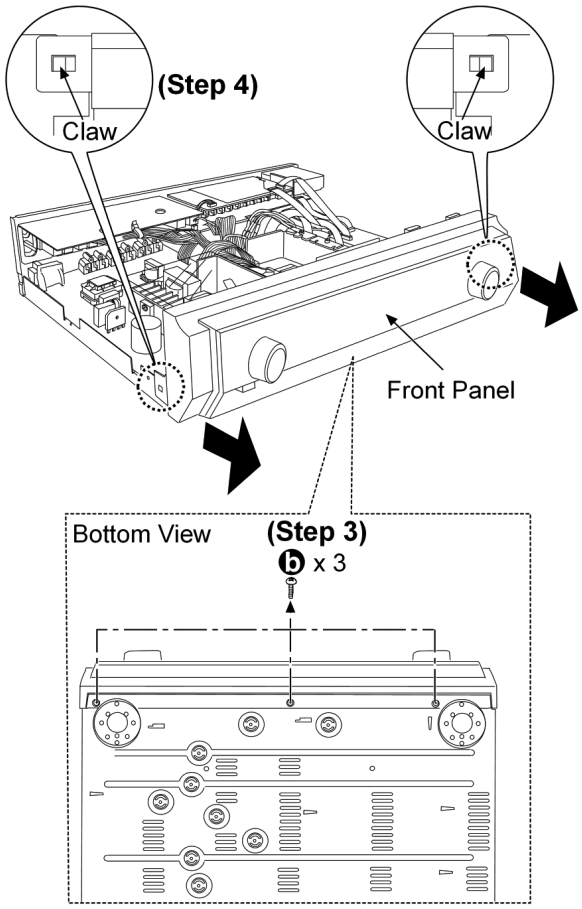
- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) - (Step 3) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.



Step 1 : Disconnect all the connectors (PB951, P903, P305, P403).



Step 2: Be careful when remove the wires from the cord holder.

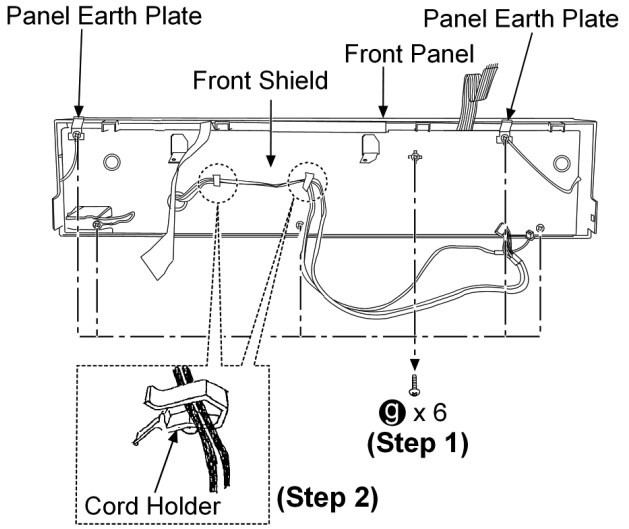


Step 3 : Remove 3 screws.

Step 4 : Release the both claws and remove the front panel as arrows shown.

8.17. Disassembly and Checking of Panel P.C.B., Volume P.C.B., Headphone P.C.B., Selector P.C.B. and Front Jack P.C.B.

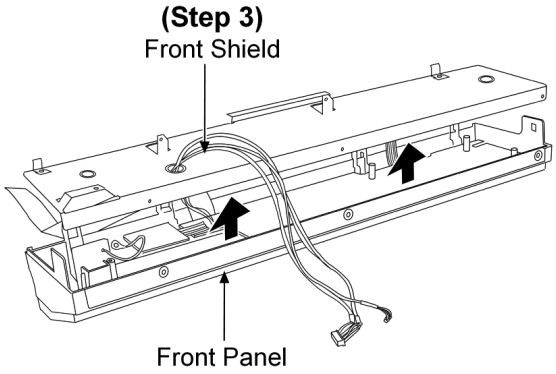
- Follow the (Step 1) - (Step 4) of item 8.4.
- Follow the (Step 1) - (Step 3) of item 8.8.
- Follow the (Step 1) - (Step 4) of item 8.9.
- Follow the (Step 1) - (Step 4) of item 8.16.



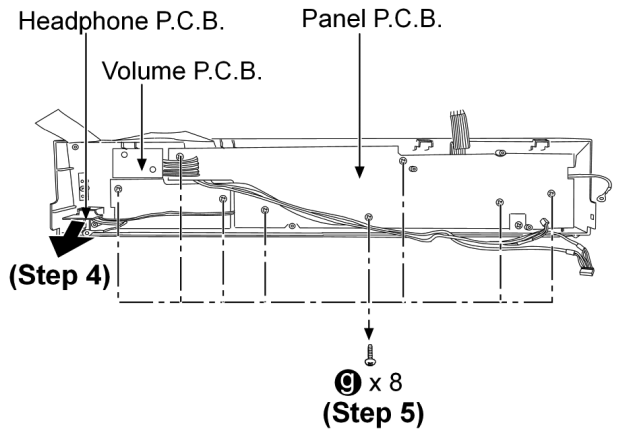
Caution:
Be careful 2 Panel Earth Plates when remove the Front Shield.

Step 1 : Remove 6 screws.

Step 2 : Be careful when remove the wires from the cord holder.

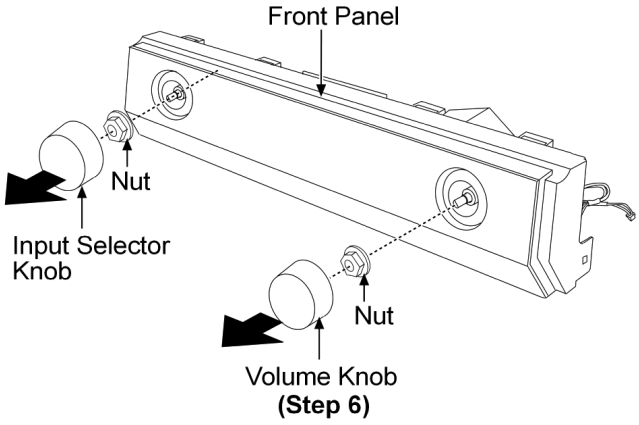


Step 3 : Remove the front shield from the front panel as arrows shown

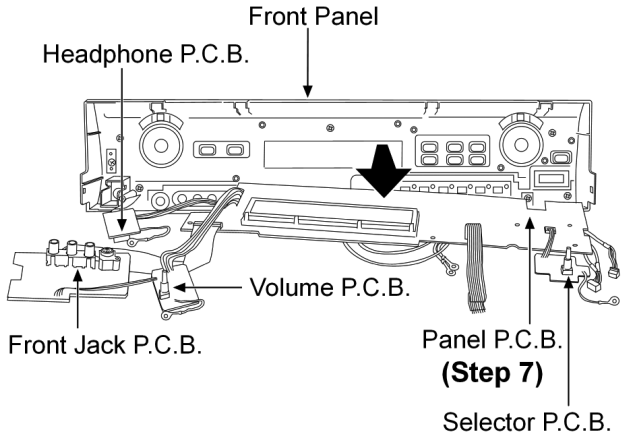


Step 4 : Remove Headphone P.C.B. as arrow shown.

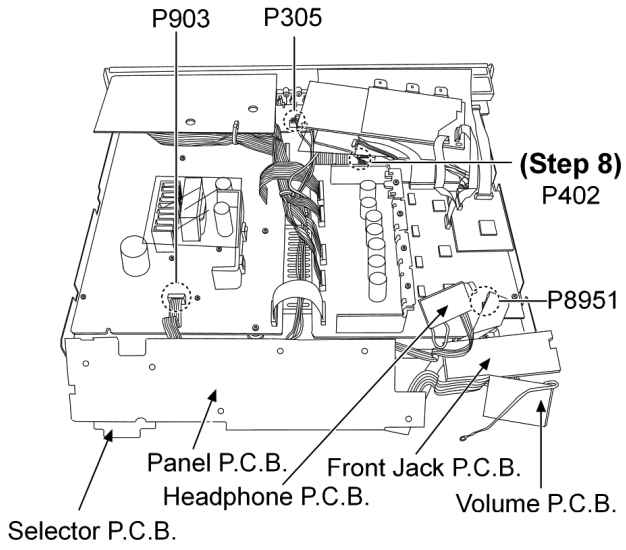
Step 5 : Remove 8 screws.



Step 6 : Remove Nuts Volume Knob and Input Selector Knob as arrows shown.



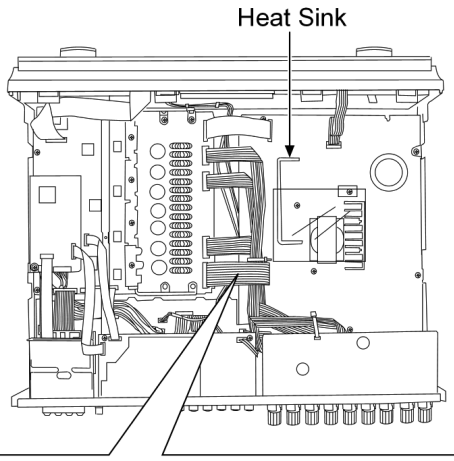
Step 7 : Remove Panel P.C.B., Volume P.C.B., Selector P.C.B. and Front Jack P.C.B. as arrow shown.



Step 8 : Reconnect all the connectors and checking for Volume P.C.B., Panel P.C.B., Front Jack P.C.B., Selector P.C.B. and Headphone P.C.B..

8.18. Insert wire & Wire dressing

・Follow the (Step 1) - (Step 4) of item 8.4.



Caution:
Wires must dressing as shown in diagram to avoid touching to Heat Sink

9 Voltage Measurement & Waveform Chart

Note:

- Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard.

  Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
- Circuit voltage and waveform described herein shall be regarded as reference information when probing defect point because it may differ from actual measuring value due to difference of Measuring instrument and its measuring condition and product itself.

9.1. Voltage Measurement

9.1.1. MAIN P.C.B

MAIN P.C.B

Ref No.	IC6001																			
MODE	1	2	3	4	5															
CD PLAY	15.4	15.4	0	12	1															
STANDBY	0.3	0.3	0	0	0															
Ref No.	IC6051																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-15.4	0	0	0	15.4												
STANDBY	0.5	0.5	0	-0.4	0	0.4	0.4	0.1												
Ref No.	IC6082																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-15.3	0	0	0	15.3												
STANDBY	0.4	0.4	0	-0.3	0	0.4	0.4	0.2												
Ref No.	IC6101																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	3.3	0	0	0	0	0	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3
STANDBY	0	0	0.8	0	0	0	0	0	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0.8
Ref No.	IC6101																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	2.4	0	3.3	0	0	0	0.9	3.3	0	12.9	10.9	15.9	10.4	5.5	5.5	10.9	15.7	10.4	5.5	0
STANDBY	0.6	0.8	0.8	0.8	0.8	0.8	0	0.8	0.8	0.8	0.8	0.8	0.7	0	0	0.6	0	0	0.7	0
Ref No.	IC6101																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56				
CD PLAY	5.1	0	10.8	15.7	10.3	5.5	0	5.1	10.9	0	10.3	5.5	5.5	5.1	12.1	5.3				
STANDBY	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0				
Ref No.	IC6201																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	3.3	0	0	0	0	0	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3
STANDBY	0	0	0.8	0	0	0	0	0	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0.8
Ref No.	IC6201																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	2.4	0	3.3	0	0	0	0.9	3.3	0	12.9	10.9	15.9	10.4	5.5	5.5	10.9	15.7	10.4	5.5	0
STANDBY	0.6	0.8	0.8	0.8	0.8	0.8	0	0.8	0.8	0.8	0.8	0.8	0.7	0	0	0.6	0	0	0.7	0
Ref No.	IC6201																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56				
CD PLAY	5.1	0	10.8	15.7	10.3	5.5	0	5.1	10.9	0	10.3	5.5	5.5	5.1	12.1	5.3				
STANDBY	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0				

Ref No.	IC6301																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	3.3	0	0	0	0	0	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3
STANDBY	0	0	0.8	0	0	0	0	0	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0.8
Ref No.	IC6301																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	2.4	0	3.3	0	0	0	0.9	3.3	0	12.9	10.9	15.9	10.4	5.5	5.5	10.9	15.7	10.4	5.5	0
STANDBY	0.6	0.8	0.8	0.8	0.8	0.8	0	0.8	0.8	0.8	0.8	0.8	0.7	0	0	0.6	0	0	0.7	0
Ref No.	IC6301																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56				
CD PLAY	5.1	0	10.8	15.7	10.3	5.5	0	5.1	10.9	0	10.3	5.5	5.5	5.1	12.1	5.3				
STANDBY	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0				
Ref No.	IC6401																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	3.3	0	0	0	0	0	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3
STANDBY	0	0	0.8	0	0	0	0	0	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0.8
Ref No.	IC6401																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	2.4	0	3.3	0	0	0	0.9	3.3	0	12.9	10.9	15.9	10.4	5.5	5.5	10.9	15.7	10.4	5.5	0
STANDBY	0.6	0.8	0.8	0.8	0.8	0.8	0	0.8	0.8	0.8	0.8	0.8	0.7	0	0	0.6	0	0	0.7	0
Ref No.	IC6401																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56				
CD PLAY	5.1	0	10.8	15.7	10.3	5.5	0	5.1	10.9	0	10.3	5.5	5.5	5.1	12.1	5.3				
STANDBY	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0				
Ref No.	IC6552																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	3.3	0	0	0	1.2	0	0	1.6	1.7	3.3	1.7	1.7	3.3	3.3						
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6						
Ref No.	IC6553																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-14.4	0	0	0	14.4												
STANDBY	1.1	1	0	-0.1	0	0.4	0.4	-0.1												
Ref No.	IC6601																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	1.6	3.3	2.2	0	0	0	0	0	0	0	0	3.1	0	0	3.1	0	0	0
STANDBY	0	0	0.5	0.8	0	0	0	0	0	0.5	0	0.8	0	0.4	0.8	0.8	0.8	0	0	0
Ref No.	IC6601																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	1.2	1.2	1.2	0	1.7	1.7	3.1	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0.5	0.5	0.8	0	0	0	0	0	0	0	0
Ref No.	IC6601																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	1.6	1.6	0	1.6	1.6	1.6	1.6	0	1.6	1.6	1.6	1.6	1.6	0	1.3	0	3.3	0	3.3	0
STANDBY	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0
Ref No.	IC6601																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	1.6	1.6	3.3	1.6	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	3.3	1.6	1.6	0	0	3.2	0	3.3
STANDBY	0	0.8	0	38	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0	0.8	0	0.8
Ref No.	IC6602																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0	1.7	1.7	0	1.7	1.7	0	1.7	1.7	3.3	1.7	1.7	3.3	3.3						
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8						

Ref No.	IC6603																			
MODE	1	2	3	4	5															
CD PLAY	0	0	0	5.1	5.1															
STANDBY	0	0	0	1.1	0.9															
Ref No.	IC6604																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	0	0.9	0.9	0.9	0.9	0.4	0.9	0	0	0	0	0	0	0	0	3.3				
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9				
Ref No.	IC6671																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	3.3	1.2	1.2	1.2	1.2	1.6	1.6	1.6	0	0	0	1.6	1.6	1.6	1.2	1.2	1.2	1.2	0	3.3
STANDBY	0.8	0	0	0	0	0.8	0.8	2.2	0	0	0	0.5	0.8	0.8	0	0	0	0	0	0.8
Ref No.	IC6701																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	1.6	3.3	2.2	0	0	0	0	0	0	0	0	3.1	0	0	3.1	0	0	0
STANDBY	0	0	0.5	0.8	0	0	0	0	0	0.5	0	0.8	0	0.4	0.8	0.8	0.8	0	0	0
Ref No.	IC6701																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	1.2	1.2	1.2	0	1.7	1.7	3.1	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0.5	0.5	0.8	0	0	0	0	0	0	0	0
Ref No.	IC6701																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	1.6	1.6	0	1.6	1.6	1.6	1.6	0	1.6	1.6	1.6	1.6	1.6	0	1.3	0	3.3	0	3.3	0
STANDBY	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0
Ref No.	IC6701																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	1.6	1.6	3.3	1.6	1.6	1.6	1.6	3.3	1.6	1.6	1.6	1.6	3.3	1.6	1.6	0	0	3.2	0	3.3
STANDBY	0	0.8	0	38	0	0	0.8	0	0.8	0	0	0.8	0	0.8	0	0	0	0.8	0	0.8
Ref No.	IC6720																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	5.1	5.1	3.3	5.1	3.3	3.3	0	1.6	1.7	3.3	0	0	3.3	3.3						
STANDBY	0	0	0	0	0.8	0	0	0	0	0	0	0	0	0.8						
Ref No.	IC6801																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	5.1	5	0	0	0	0	0	0	0	0	4.9	2.5	0	2.4	4.9	0	0	4.9	5
STANDBY	0	0.5	4.9	0	0	0	4.9	0	0	0	0	4.9	2.5	0	2.4	4.9	4.9	0	4.9	5
Ref No.	IC6801																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	4.9	0	0	0	0	4.9	5.1	3.1	0	0	4.9	4.9	0	0	5	5	0	4.9
STANDBY	0	0	4.9	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	4.9
Ref No.	IC6801																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	4.9	0	0	0	5	0.3	0	0	0	0	0	5	5	0	0	0	0	0	0
STANDBY	0	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC6801																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	4.9	0	0	0	4.8	4.9	0	0	4.9	0	0	0	0	5	5.1	0	0	0	0
STANDBY	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC6801																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	4.9	0	0	0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0	0	4.9	4.9	0
STANDBY	0	0	0	0	0	0	0	0	0	4.9	4.9	4.9	4.9	4.9	4.9	0	0	5	4.9	0

Ref No.	IC6802																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	4.8	0	0	0	0	0	0	1.5												
STANDBY	4.8	0	0	0	0	0	0	1.5												
Ref No.	IC6803																			
MODE	1	2	3	4	5															
CD PLAY	0	0	0	5	5															
STANDBY	0	0	0	5	5															
Ref No.	IC6804																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4
Ref No.	IC6805																			
MODE	1	2	3	4	5															
CD PLAY	2.5	3.3	0	0	2.2															
STANDBY	0.5	3.3	0	0	2.2															
Ref No.	IC6901																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	2	0.3	3.1	2.7	0	0	0	0	3.3	1.6	0	1.4	3.3	3.3	3.3	3.3	3.3
STANDBY	0.4	0.4	0.4	0.4	0	0.4	0.4	0	0	0.4	0.4	0.4	0.4	0	0.1	0.4	0.3	0	0.2	0.8
Ref No.	IC6901																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	3.3	3.3	3.3	3.3	0	0.1	3.3	3.3	3.3	3.3	0	3.3	0	1.6	0	0	3.3	3.3	0	0
STANDBY	0.4	0.8	0.4	0.4	0.4	0	0.8	0.8	0.8	0.8	0.5	0.8	0.5	0.4	0.4	0	0	0	0.4	0
Ref No.	IC6901																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	3.3	0	0	3.3	3.3	3.3	0	0	0	0	0	0	0	0	0	3.3	0	3.3	3.3	3.3
STANDBY	0	0	0.8	0.4	0.8	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.2	0.4	0.8	0.8
Ref No.	IC6901																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0.4	0.8	0.4	0	0.4	0.4	0	0	0.4	0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Ref No.	IC6901																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	2.2	0	0	3.3	3.3	0
STANDBY	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0	1.6	0	0	0.8	0.8	0.4
Ref No.	IC6902																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0.1	0.1	3.3	3.3	3.3	3.3	0	3.3												
STANDBY	0.1	0	0	0	0.6	0.6	0	0.5												
Ref No.	IC6903																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	3.3	3.3	5.1	3.3	3.3	5.1	0	0	0	5.1	0	0	5.1	5.1						
STANDBY	0	0.5	0	0.8	0	0	0	0	0.4	0.9	0	0.4	0.9	0.9						
Ref No.	IC6904																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	4.4	3.3	3.3	3.3	0	0	0	3.3	3.3	0	3.3	0	3.3	3.3						
STANDBY	0	0	0	0.8	0	0	0	0	0	0	0	0	0.8	0.8						
Ref No.	IC6971																			
MODE	1	2	3	4	5															
CD PLAY	3.3	5.1	0	1.2	1															
STANDBY	0.8	0.9	0	0	0															
Ref No.	IC6972																			
MODE	1	2	3	4	5															
CD PLAY	5	5	0	3.3	1															
STANDBY	0.9	0.9	0	0.8	0.2															
Ref No.	IC6973																			
MODE	1	2	3	4	5															
CD PLAY	5	5	0	3.3	1															
STANDBY	0.9	0.9	0	0.8	0.2															

Ref No.	Q6005																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-8.6	0	0	-8.6	0														
STANDBY	0	0	0	0	0	0														
Ref No.	Q6006																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-6.2	0	0	-6.2	0														
STANDBY	0	0	0	0	0	0														
Ref No.	Q6081																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-6.2	0.3	0	-6.2	0.3														
STANDBY	0	0	0	0	0	0														
Ref No.	Q6101																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6102																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6151																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6152																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6201																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6202																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6251																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6252																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6301																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6302																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6351																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															

Ref No.	Q6352																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6451																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6452																			
MODE	1	2	3	4	5															
CD PLAY	0	5.1	5.3	10.2	10.6															
STANDBY	0	0	0	0	0															
Ref No.	Q6555																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-6.2	0	0	-6.2	0														
STANDBY	0	0	0	0	0	0														
Ref No.	Q6001				Q6002				Q6003				Q6004				Q6091			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	1.7	1.4	1.7		1.7	1.4	1.7		1.7	1.4	1.7		1.7	1.4	1.7		1.7	1.6	1.7	
STANDBY	0	0	0.6		0	0	0.6		0	0	0.6		0	0	0.6		0	0	0.6	
Ref No.	Q6092				Q6551				Q6552				Q6553				Q6554			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	1.7	1.6	1.7		1.7	1.4	1.7		1.7	1.4	1.7		1.7	1.4	1.7		1.7	1.4	1.7	
STANDBY	0	0	0.6		0	0	0.6		0	0	0.6		0	0	0.6		0	0	0.6	
Ref No.	Q6802				Q6807				Q6808				Q6809				Q6810			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5	5	4.3		0	3.3	0		0.1	3.1	0.2		0	0	0.6		0	5	0	
STANDBY	5	5	4.3		0	0.8	0		0	0	0		0	0	0		0	1.6	0	
Ref No.	Q6812				Q6814				Q6871				QR6101				QR6102			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	3.3	0	3.1		0.1	3.3	0.7		5.1	8.2	5.1		5.4	10.8	5.4		5.4	10.8	5.4	
STANDBY	0.8	0	0.9		0	0	0		0	10.2	0		0	0	0		0	0	0	
Ref No.	QR6103				QR6151				QR6152				QR6153				QR6201			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0.6	0.3		5.4	10.8	5.4		5.4	10.8	5.4		0	0.6	0.3		5.4	10.8	5.4	
STANDBY	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	
Ref No.	QR6202				QR6203				QR6251				QR6252				QR6253			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5.4	10.8	5.4		0	0.6	0.3		5.4	10.8	5.4		5.4	10.8	5.4		0	0.6	0.3	
STANDBY	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	
Ref No.	QR6301				QR6302				QR6303				QR6351				QR6352			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5.4	10.8	5.4		5.4	10.8	5.4		0	0.6	0.3		5.4	10.8	5.4		5.4	10.8	5.4	
STANDBY	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	
Ref No.	QR6353				QR6451				QR6452				QR6453				QR6491			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0.6	0.3		5.4	10.8	5.4		5.4	10.8	5.4		0	0.6	0.3		5.4	10.8	5.4	
STANDBY	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	
Ref No.	QR6802				QR6803				QR6804				QR6805				QR6806			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	4.9	1.5	4.9		0	0	2.4		3.3	0	3.3		10.9	0	10.9		0	5	0	
STANDBY	4.9	1.5	4.9		0	0	0.6		0.8	0	0.8		0	0	0		0	1.6	0	
Ref No.	QR6813				QR6851				QR6852				QR6861				QR6862			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	5	0		5.8	0	5.4		0	-6.2	0		5.8	0	5.4		0	-6.2	0	
STANDBY	0	0.1	0		5.8	0	5.4		0	0.1	0		5.8	0	5.4		0	-0.1	0	

9.1.2. POWER P.C.B

POWER P.C.B																				
Ref No.	IC304																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	4.7	0	0	0	0	4.9	0	0	0	0	0	0	0	-5.1	-0.1	0	-5.1	0	0
STANDBY	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0
Ref No.	IC304																			
MODE	20	21	22	23	24															
CD PLAY	0	0	4.9	0	0															
STANDBY	0	0.1	0	0	0															
Ref No.	IC701																			
MODE	1	2	3	4	5															
CD PLAY	-1.1	-0.7	-8.9	-2.4	-1.1															
STANDBY	0	0	0.1	0	-0.1															
Ref No.	IC702																			
MODE	1	2	3																	
CD PLAY	6.9	14.8	0																	
STANDBY	0	0	0																	
Ref No.	IC703																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0.8	0.3	0.2	0	0	0	0	15.1												
STANDBY	0	0	0	0	0	0.1	0.1	0.2												
Ref No.	IC721																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	-0.5	-0.5	-0.4	-0.3	-3.5	-	-1.5	-1.5												
STANDBY	-0.5	-0.5	-0.4	-0.3	-6.5	-	-0.5	-0.5												
Ref No.	IC722																			
MODE	1	2	3	4	5															
CD PLAY	4.9	4.1	0	3.3	1															
STANDBY	5	4.1	0	3.3	1															
Ref No.	IC723																			
MODE	1	2	3	4	5															
CD PLAY	5	6.5	0	5.6	1															
STANDBY	5	7	0	5.6	1															
Ref No.	IC724																			
MODE	1	2	3																	
CD PLAY	5.8	0	6.5																	
STANDBY	5.8	0	7																	
Ref No.	IC731																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	3.9	2.3	0.7	1.9	0	5.7	10.1	5												
STANDBY	0	0	0	0	0	0.1	0	0												
Ref No.	IC733																			
MODE	1	2	3																	
CD PLAY	-20.7	-25.3	-19.3																	
STANDBY	-0.1	-0.1	0.2																	

Ref No.	Q405				Q406				Q505				Q506				Q701			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5	12.8	5.6		-5	-13.6	-5.6		0	15.1	0		0	0	0		-1	-0.9	-0.9	
STANDBY	0.1	0.2	0.2		0.1	0.1	0.1		0	4	0		0	0.6	0.1		-2.5	-2.3	-2.3	
Ref No.	Q702				Q703				Q704				Q705				Q723			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0.2	6.9	0.8		0.2	0.8	0.8		15.8	15.8	15.2		0.4	0.2	0.4		0	0	0.6	
STANDBY	0	0	0		0	0	0		0	0	0		0	0	0		0	5.8	0	
Ref No.	Q731				Q732				Q733				Q734				Q735			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	16	7.6		1.7	4.9	2		0	5.1	-0.9		16.1	16.4	15		9.8	9.9	10.4	
STANDBY	0	0	0		0	0	0		0	0.6	0.2		0	0	1.8		0	0	0	
Ref No.	Q736				Q737															
MODE	E	C	B		E	C	B													
CD PLAY	5	5.9	5.7		10.6	15.2	11.2													
STANDBY	0.2	0	0		3.2	0.2	0.2													

9.1.3. HDMI P.C.B

HDMI P.C.B																				
Ref No.	IC2001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0.9	1.9	1	0.8	0	0.1	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0	0
STANDBY	0	0	0	0	3.3	3.3	3.3	0	0.1	0	3.3	0	3.3	0.8	0	3.3	0.4	0	3.3	0.4
Ref No.	IC2001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	-0.2	-0.2
STANDBY	0	1.8	1.8	0	0	3.3	0	2.2	3	3	3.3	3.3	0.8	0	1.8	0	3.3	3.3	1.3	1.3
Ref No.	IC2001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	-0.2	-0.2	0	0	-0.2	-0.2	0	0	-0.1	-0.1	0.1	0	0	0.1	0	0.1	-0.2	-0.2
STANDBY	0	3.3	1.3	1.3	0	3.3	1.3	1.3	0	3.3	1.3	1.3	0	0	3.3	1.4	3.3	1.4	1.4	0
Ref No.	IC2001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	0	-0.2	-0.1	0	-0.2	-0.2	0	0.1	0.1	0.1	0	0	0	0	0	1.7	0.8	0.1	0
STANDBY	3.3	1.3	1.3	0	3.3	1.3	1.3	0	3.3	1.3	1.3	0	0	1.8	0	3.3	0	0	1.8	0
Ref No.	IC2001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	1	0.9	0.9	0.8	0.8	0.8	0.8	0	0	0	0	0	0	0	0	0	0	0.1	0	0
STANDBY	3.1	3.1	3.1	3.1	0	0	0	0	3.3	0	0	1.8	0.3	0.3	1.8	0	1.6	1.6	3.3	0.1
Ref No.	IC2001																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
CD PLAY	0	0.1	0.6	0.7	0.7	0	0.5	0	0	1.8	0.9	0.9	0.9	0	0	1.5	1.7	1.4	1.4	0
STANDBY	0	3.3	0	3.3	1.8	0	0	0	3.3	0	0	0	1.8	0	0	0	0	0	0	0
Ref No.	IC2001																			
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
CD PLAY	1.8	0	1.8	1.8	1.8	1.8	0	0	1.8	1.8	1.8	1.8	1.8	0.1	0	1.8	1.8	0	0	1.8
STANDBY	0	3.3	0	0	0	0	0	1.8	0	0	0	0	0	3.3	0	0	0	0	1.8	0
Ref No.	IC2001																			
MODE	141	142	143	144																
CD PLAY	1.8	1.8	1.8	0																
STANDBY	0	0	0	0																
Ref No.	IC2002																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	1.8	1.5	0	0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0	0	0	0	0.1	0	0	0
STANDBY	0	0	0	1.8	3.3	3.3	1.8	1.3	1.3	1.3	0	0	3.3	0	0	1.8	3.3	0	1.5	1.5
Ref No.	IC2002																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	2.6	2.6	0	2.6	2.6	0	2.6	2.6	0.1	2.6	21.6	0	0.1	0	0
STANDBY	0	0	3.3	3.3	0	0.5	0.4	3.3	1.3	1.3	0	0.9	0.9	3.3	1.2	1.2	0	3.3	0	0
Ref No.	IC2002																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	0	0	0	0	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.3	1.3	1.3	0	0
STANDBY	0	0	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC2002																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	1.8	1.8	0.9	0.8	1.7	1.2	0.9	0.9	0.9	0.9	0	0	0	0	0	1.3	1.3	1.3	1.3	1.3
STANDBY	0	0	0	0	0	0	0	0	0	0	3.3	0	0	1.8	0	0	0	0	0	0

Ref No.	IC2003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	2.5	0	3.1	2.8	0	0	0	0	0	3.3	1.6	0	1.6	3.3	3.3	0.6	0.1	0.5
STANDBY	0	0	0.4	0	0	0.4	0.4	0	0	0	0	3.3	0	1.6	1.6	3.3	3.3	0	3.3	3.3
Ref No.	IC2003																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	3.3	3.3	0	0	0	0	0	0	2.7	2.7	0	0	0	0	0.1	0.1	0	0	0	0
STANDBY	3.3	3.3	0	0	0	0	0	0	3	3	0	0	0	0	2.4	2.2	0	3.3	3.3	0
Ref No.	IC2003																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	0	0	0	0	0	0	0	3.3	3.3	0	0	0	0	0	0	0	0	0
STANDBY	0	3.3	0	0.8	0	0	0	0	0	3.3	0	0	0	0	0	0	0	0	0	0
Ref No.	IC2003																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	3.3	0	0	0	0	0	3.2	0	0	0.7	0	0	0.6	0	0	0	0	0	0	0
STANDBY	0	3.3	0	0	0	0	0	0	1.5	1.5	0.5	0	0	0	0	0	0	0	0	0
Ref No.	IC2003																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	3.3	3.3	3.3
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.6	0	0	3.3	3.3	0
Ref No.	IC2004																			
MODE	1	2	3	4	5															
CD PLAY	0.1	0	-	0	0															
STANDBY	3.3	3.3	-	0	0															
Ref No.	IC2005																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0.1	0	0.1	0	0	0	0	0.1	0	0.1	0	0	0	0	0.1	0.1	0	0.6	0.1	0.1
STANDBY	0	0	0	0	0	0	0	3.3	0	3.3	0	0	3.3	0	0	0	0	0	0	0
Ref No.	IC2005																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0	0
STANDBY	3.3	0	3.3	0	0	0	0	0	3.3	3.3	0.6	2.4	2.2	0	0	0	3.3	0	0	0
Ref No.	IC2005																			
MODE	41	42	43	44	45	46	47	48												
CD PLAY	0	0.7	0	0	0	0	0	0												
STANDBY	0	0	0	0	0	0	0	0												
Ref No.	IC2006																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	1	2.4	0	0	0	1	0	1												
STANDBY	1.2	0	1.2	0	0	1.2	0	2.5												
Ref No.	IC2007																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0.1	0	0.7	0.1	0.6	0.6	0	0.1	0.7	0.7	0.7	0	0.7	0.1						
STANDBY	3.3	0	0	0	0	0	0	0	0	0	0	0	0	3.3						
Ref No.	IC2008																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	3.3	3.3	3.3	0.1	0.1	0.1	0.1												
STANDBY	0	3.3	3.3	0.2	3.3	3.3	3.3	3.3												
Ref No.	IC2009																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.3	1.3	1.4	1.1	1.3	1.1	0	1	0	0	1.1	1.2	1	1.6	1.1	1.6	1	1.7	3.3	0.1
STANDBY	0.3	0	3.3	0	3.3	0	0	3	0	0	0	3.3	2.8	0	2.8	0	2.8	0	0.3	3.3

Ref No.	IC2010																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	3.3	0	3.3	0	0	3.3												
STANDBY	0	0	3.3	0	3.3	3.3	0	3.3												
Ref No.	IC2011																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0.1	0	0	2.4	2.4	0	1.1												
STANDBY	0	0	0	0	0	2.5	0.1	1.2												
Ref No.	IC2012																			
MODE	1	2	3	4	5															
CD PLAY	0	0	-	0	0															
STANDBY	3.3	3.3	-	0	0															
Ref No.	IC2016																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	1.5	1.5	0	2.4	0	2.3	0	0	2.5	0	2.3	0.1	1.4	0.1	1.4	0	0
STANDBY	3.3	0	3.3	0	3.3	0	0	0	0	0	0	3.3	0	3.3	3.3	3.3	3.3	3.3	0	3.3
Ref No.	Q2001				Q2002				Q2005				Q2006				Q2007			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	2.3	0		0	2.3	0		0.1	5	0.1		0	5	0.1		2.7	2.4	3.3	
STANDBY	3	2.5	3.3		3	2.5	3.3		1.5	1.5	3.3		1.5	1.5	3.3		3	2.6	3.3	
Ref No.	Q2008				Q2009				Q2010				Q2011				Q2012			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	2.7	2.4	3.3		0	0	3.3		0	0	3.3		3	3	3		0	2.6	0	
STANDBY	3	2.6	3.3		2.2	2.2	3.3		2.2	2.2	3.3		3	3	3		0	2.6	0	
Ref No.	Q2016				Q2017				Q2018				QR2021				QR2022			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0.6	-0.6		0	3.3	0		0	0	0.6		0	2.7	0		0	3.3	0	
STANDBY	0	3.5	-1.1		0	3.3	0		0	0	0.6		0	3.3	0		0	3.3	0	
Ref No.	QR2023				QR2024				QR2025											
MODE	E	C	B		E	C	B		E	C	B									
CD PLAY	0	3.2	0		0	1	0		0	1	0									
STANDBY	0	0.8	0		0	1.2	0		0	1.2	0									

9.1.4. VIDEO & OPTICAL P.C.B

VIDEO & OPTICAL P.C.B																				
Ref No.	IC301																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	0	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	5				
STANDBY	0	0	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	0				
Ref No.	IC302																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	0	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	5				
STANDBY	0	0	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	0				
Ref No.	IC303																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	0	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	5				
STANDBY	0	0	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	0				
Ref No.	IC499																			
MODE	1	2	3	4	5	6														
CD PLAY	1.6	0	1.6	1.6	3.3	1.6														
STANDBY	0.2	0	0.2	0.2	0.6	0.2														

9.1.5. INPUT P.C.B

INPUT P.C.B																				
Ref No.	IC151																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0	0	0	0	5.1	5.1	-5.1	0	0	0	0	-5.1	0	0						
STANDBY	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0.1	0.1	0.1						
Ref No.	IC402																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-15.2	-15.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0.2	0.3	0	0.3	0.3	0	0.3	0.3	0	0.3	0	0	0	0	0	0	0	0	0	0.3
Ref No.	IC402																			
MODE	21	22	23	24	25	26	27	28	29	30										
CD PLAY	0	0	0	0	0	0	0	0	0	15.4										
STANDBY	0	0	0.3	0.3	0	0.3	0.3	0.3	0.3	0.3										
Ref No.	IC501																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-15.3	0	0	0	15.3												
STANDBY	0.2	0.2	0.2	0	0	0.2	0	0.3												
Ref No.	IC502																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.4	0.4	0.1	0	0.1	0.4	0.4	0.2												
Ref No.	IC503																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.4	0.4	0.1	0	0.1	0.4	0.4	0.2												
Ref No.	IC504																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-15.3	0	0	0	15.4												
STANDBY	0.2	0.2	0	0.2	0	0.2	0	0.3												
Ref No.	IC505																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.4	0.4	0.1	0	0.1	0.4	0.4	0.2												
Ref No.	IC506																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.4	0.4	0.1	0	0.1	0.4	0.4	0.2												
Ref No.	IC507																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-15.3	0	0	0	15.3												
STANDBY	-0.1	-0.1	0	0.2	0	-0.1	0	0.3												
Ref No.	IC508																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.6	0.6	0.1	0	0.1	0.6	0.6	0.2												
Ref No.	IC509																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5												
STANDBY	0.6	0.6	0.1	0	0.1	0.6	0.6	0.2												

Ref No.	Q501																			
MODE	1	2	3	4	5	6														
CD PLAY	S	-6	0	0	-6	0														
STANDBY	0	0	0	0	0	0														
Ref No.	Q502																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-6	0	0	-6	0														
STANDBY	0	0	0	0	0	0														
Ref No.	Q503																			
MODE	1	2	3	4	5	6														
CD PLAY	0	-6	0	0	-6	0														
STANDBY	0	0	-0.1	0	0	0														
Ref No.	Q101				Q102				QR151				QR510				QR511			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	14	14.4	14.4		6.7	9.9	7.3		-5.1	5.1	-5.1		5.3	0	5		0	-5.6	0	
STANDBY	1.9	0.1	0.1		0.1	0.1	0.1		0.2	0.1	0.2		0	0	0		0	0	0	

9.1.6. PANEL P.C.B

PANEL P.C.B																				
Ref No.	IC901																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-25.4	-25.4	5	0	2.2	2.2	5.1	0	5	0	4	-27.7	-27.7	4.9	-27.7	-25.3	-25.3	-25.3	-25.3	-27.7
STANDBY	-0.4	-0.3	0	0	0.6	0.6	1.3	0.1	2	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC901																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	-25.3	-27.7	-22.7	-27.7	-25.7	-22.7	-25.7	-27.7	-22.7	-22.7	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3
STANDBY	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ref No.	Q918																			
MODE	1	2	3	4	5	6														
CD PLAY	0.9	0.9	0.3	1.9	0.9	0.3														
STANDBY	0	0	0	0	0	0														
Ref No.	QR901				QR902				QR903				QR904				QR907			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	5	-25.6	2.6		-28.4	2.6	-28.4		5	-25.6	2.6		-28.4	2.6	-28.4		0.1	0.1	4.3	
STANDBY	0.1	0	0.1		0.1	0	0.1		0.1	0	0.1		0.1	0	0.1		0	1.9	0	
Ref No.	QR908				QR909				QR910				QR911				QR913			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0.1	3.6	0.1		0.1	0	0.1		0.1	0.1	4.3		0	3.5	0		0.1	3.4	0	
STANDBY	0	0	0		0	0	0		0	0	0		0	3.5	0		0	0	0	
Ref No.	QR914				QR915				QR920				QR921							
MODE	E	C	B		E	C	B		E	C	B		E	C	B					
CD PLAY	0.1	3.5	0		0	5.8	0		5	4.7	0.1		0.1	0.1	4.8					
STANDBY	0	0	0		0	0	0		0.1	0	0.1		0	3.5	0					

9.1.7. VOLUME P.C.B

VOLUME P.C.B																				
Ref No.	Q981																			
MODE	1	2	3	4	5	6														
CD PLAY	0.9	0.9	0.3	1.8	0.9	0.3														
STANDBY	0	0	0	0	0	0														

9.1.8. FRONT JACK P.C.B

FRONT JACK P.C.B																				
Ref No.	IC951																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-5.1	0	0	0	5												
STANDBY	0	0	0	0	0	0	0	0												

9.1.9. DSP P.C.B

DSP P.C.B																				
Ref No.	IC1001																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	2.5	2.5	0.4	1.9	2.6	5.1	5.1												
STANDBY	2.2	0.4	0.4	0	0.4	0.4	0.9	0.6												
Ref No.	IC1002																			
MODE	1	2	3	4	5															
CD PLAY	0	0.4	0	0.1	0.4															
STANDBY	0	0.6	0	0.3	0.9															
Ref No.	IC1003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0.5	0.5	0.5	0.5	2.9	3.3	0.5	2.6	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
STANDBY	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0	0.1	0.3	0.3
Ref No.	IC1003																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32								
CD PLAY	0.5	0.5	0.6	0	0	0	0	0.5	0.5	2.2	0.5	0.9								
STANDBY	2	0.4	0.2	0	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3								
Ref No.	IC1004																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	1.3	1.5	1.3	0	0	1.3	0	1.7	1.6	1.6	1.3	1.2	1.2	0	0	0	3.3
STANDBY	0.7	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.7
Ref No.	IC1005																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0.1	2.5	1.6	0	1.7	5	0	3.3												
STANDBY	0.1	0.4	0.3	0	0.4	0.8	0	0.7												
Ref No.	IC1006																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.5	1.6	1.6	0	1.6	3.3	3.3	3.3												
STANDBY	0.4	0.3	0.3	0	0.3	0.7	0.7	0.7												

Ref No.	IC1007																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	1.2	1.2	1.2	0	0	3.3	0	0	0	0	0	1.2	0	0	1.6	1.6	0
STANDBY	0	0	0	0	0	0	0	0	0.8	0	0	0	0	0	0	0	0	0.4	0.4	0
Ref No.	IC1007																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	1.2	1.2	0	2.7	2.7	2.7	2.7	2.8	3.5	3.5	3.3	1	0	1.2	2.5	0	0	0
STANDBY	0	0	0	0	0	0	3.3	3.3	3.3	0	0	0	0.8	1.9	0	0	2.1	2.1	0	0
Ref No.	IC1007																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	0	0	0	3.3	3.6	3.6	0	0	1.2	1.2	0	0	3.3	3.7	3.7	3.3	0	0.5	3.3
STANDBY	0	0	0	0	0.8	0.8	0.8	0	0	0	0	0.8	0.8	0.4	0.7	0.7	0.7	0.7	0	0.7
Ref No.	IC1007																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	0	1.2	1.2	0.5	0.5	0.5	2.9	0	1.2	1.2	0.5	0.3	0.5	0.5	0.5	0	0	1.2	1.2
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC1007																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0.5	0.5	0.5	0.5	3.3	0	0	1.2	1.2	0	0	0	0	0	1.2	0	0	0	0	3.3
STANDBY	0	0	0	0	0.7	0	0	0	0.1	0.7	0	0	0	0	0.7	0	0	0.7	0	0.7
Ref No.	IC1007																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
CD PLAY	0.1	0	0	0	0	0	1.2	1.2	2.3	0.5	2.9	0	0	3.3	0	0	0	0	1.2	1.2
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ref No.	IC1007																			
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
CD PLAY	3.3	3.3	0	0.1	0.1	3.2	1.2	1.2	0	0	3.3	0	0	3.3	0	3.3	2	1.2	0	0
STANDBY	0.7	0.7	0	0.1	0	0.4	0	0	0	0	0.4	0	0	0	0	0.7	0	0	0	0
Ref No.	IC1007																			
MODE	141	142	143	144																
CD PLAY	0	3.3	3.3	3.3																
STANDBY	0	0.7	0.7	0.7																

Ref No.	IC1008																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	1.6	0	0.8	0	0	0	0	0	0	0	3.3	0	5	0	0	0	0	0	0	0
STANDBY	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0.4	0	0.2	0.4	0.3	0.4	0.3	0.4
Ref No.	IC1008																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	3.3	0.5	1.7	1.6	1.2	1.6	1.6	1.2	1.5	0	1.7	0	0	0	3.3	0	0	3.3	1.2	1.2
STANDBY	0.4	0	0.4	0.1	0.4	0.2	0.2	0.3	0.1	0.2	0.2	0	0.3	0.4	0.9	0.2	0	0.8	0	0.5
Ref No.	IC1008																			
MODE	41	42	43	44	45	46	47	48												
CD PLAY	0	1.6	0	0.2	0	0.2	0	1.6												
STANDBY	0	0	0	0.1	0	0.1	0	0												
Ref No.	IC1009																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	0	2.5	0	2.5	3.3	0	3.3	0	0	0	0	0	3.3	1.3	1.6	1.6	0	3.3	0
STANDBY	0	0	0.3	0.5	0.4	0.4	0	0.2	0.2	0.2	0	0	0	0.4	0.4	0.2	0.3	0.3	0.4	0.1
Ref No.	IC1009																			
MODE	21	22	23	24	25	26	27	28												
CD PLAY	0	5	0	2.5	2.5	2.6	0	2.5												
STANDBY	0.1	0.4	0	0.5	0.5	0.3	0	0.3												
Ref No.	IC1010																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	0	2.5	0	2.5	3.3	0	3.3	0	0	0	0	0	3.3	1.3	1.6	1.6	0	3.3	0
STANDBY	0	0	0.3	0.5	0.4	0.4	0	0.2	0.2	0.2	0	0	0	0.4	0.4	0.2	0.3	0.3	0.4	0.1
Ref No.	IC1010																			
MODE	21	22	23	24	25	26	27	28												
CD PLAY	0	5	0	2.5	2.5	2.6	0	2.5												
STANDBY	0.1	0.4	0	0.5	0.5	0.3	0	0.3												
Ref No.	IC1011																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	2.5	0	2.5	0	2.5	3.3	0	3.3	0	0	0	0	0	3.3	1.3	1.6	1.6	0	3.3	0
STANDBY	0	0	0.3	0.5	0.4	0.4	0	0.2	0.2	0.2	0	0	0	0.4	0.4	0.2	0.3	0.3	0.4	0.1
Ref No.	IC1011																			
MODE	21	22	23	24	25	26	27	28												
CD PLAY	0	5	0	2.5	2.5	2.6	0	2.5												
STANDBY	0.1	0.4	0	0.5	0.5	0.3	0	0.3												
Ref No.	QR1001				QR1002				QR1003											
MODE	E	C	B		E	C	B		E	C	B									
CD PLAY	0	3.4	0		5.1	0.4	5.1		0	3.7	0									
STANDBY	0	0.2	0		1	0.9	0.6		0	0.1	0									

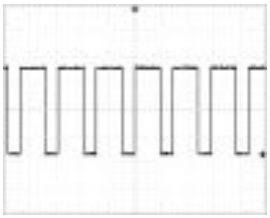
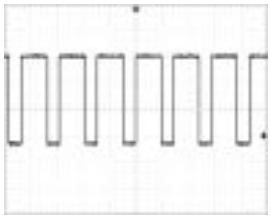
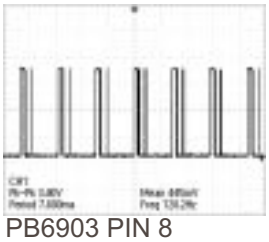
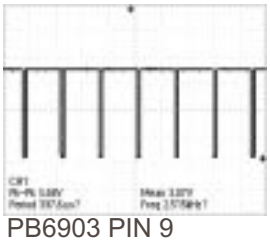
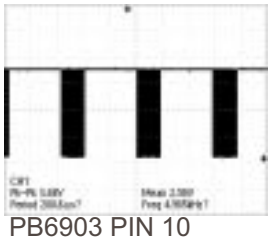
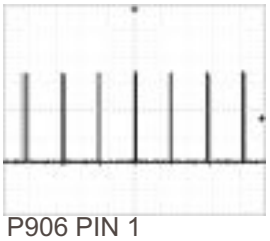
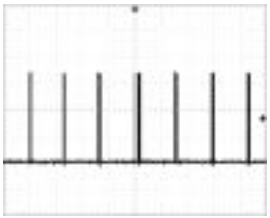
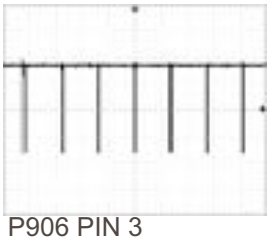
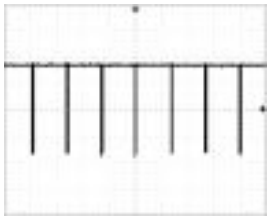
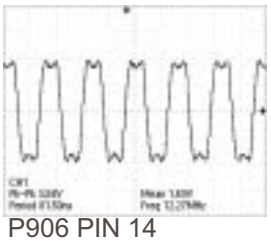
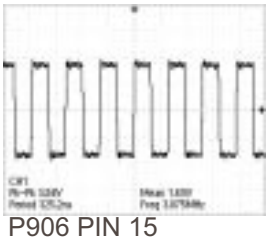
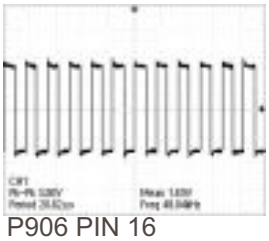
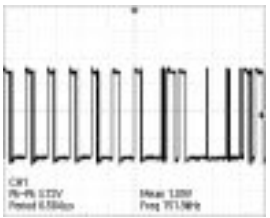
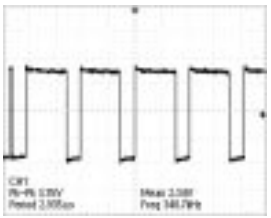
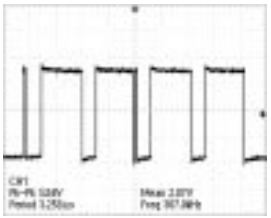
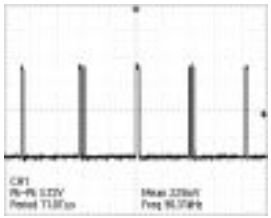
9.1.10. SPEAKER P.C.B

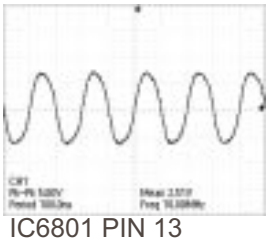
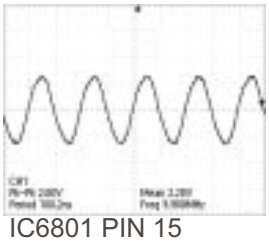
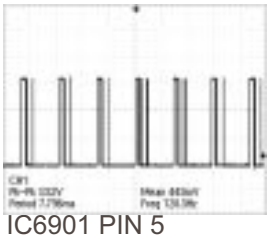
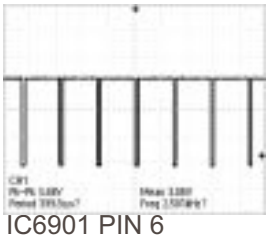
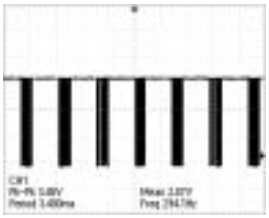
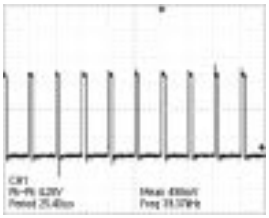
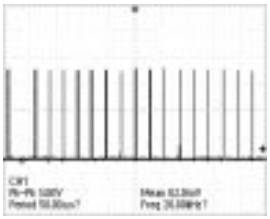
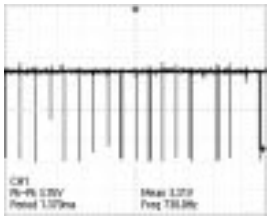
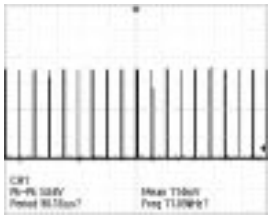
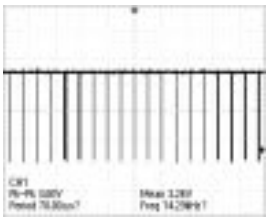
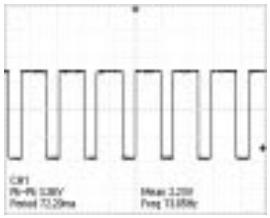
SPEAKER P.C.B																				
Ref No.	Q881				Q882				Q883				Q884				Q885			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	0	0.7		0	0	0.7		0	10.4	0		0	10.4	0		0	10.4	0	
STANDBY	0	1.9	0		0	1.9	0		0	2	0		0	2.6	0		0	3.2	0	

9.1.11. XM REARY P.C.B

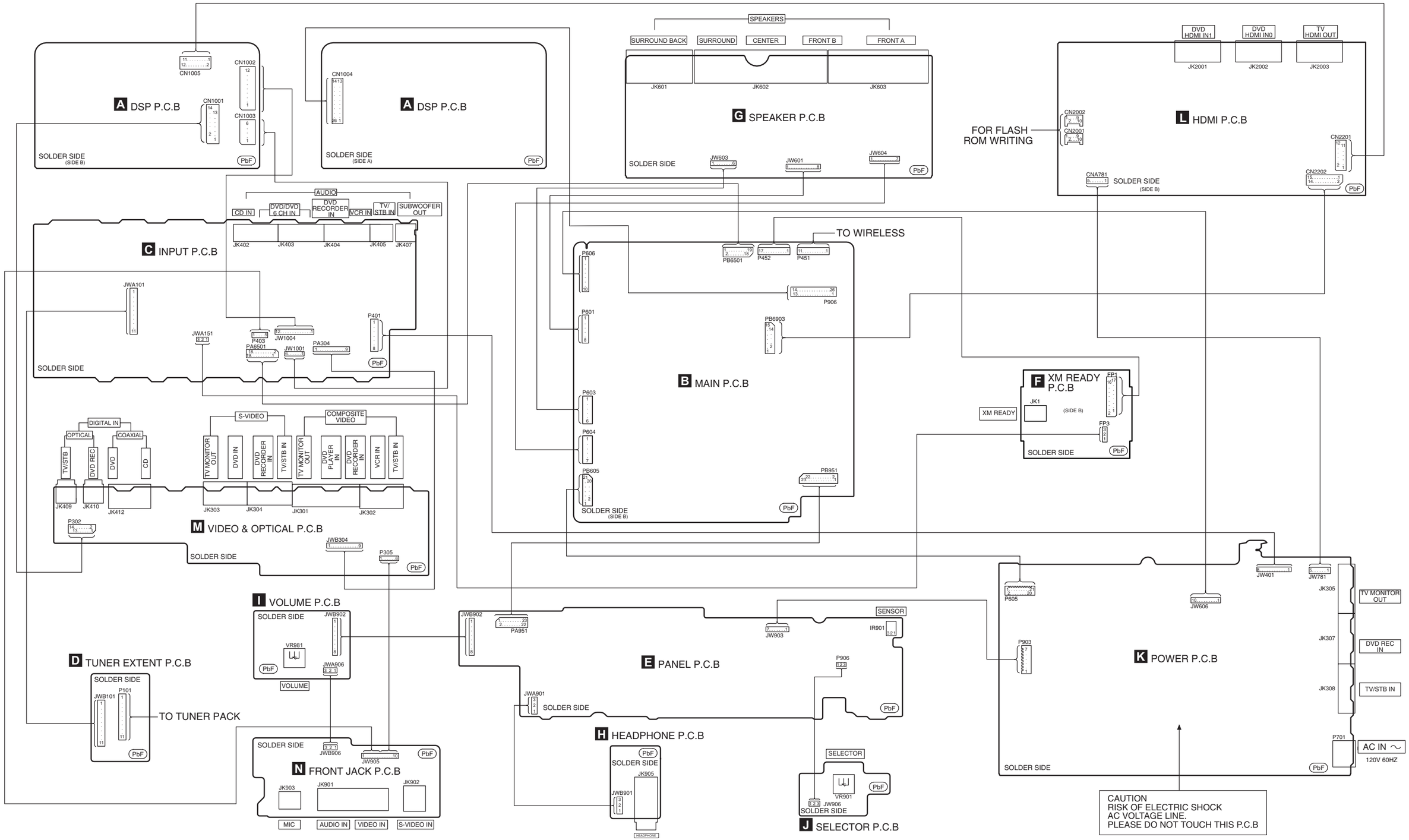
XM READY P.C.B																				
Ref No.	IC1																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	3.1	0	3.1	3.1	3.1	0	0	3.1	0	0	3.1	0	3.1	0	3.2	0	3.2	1.2	1.2	3.2
STANDBY	0.2	0.1	0.2	0.4	0.3	0	0	0.4	0.1	0	0.3	0.3	0	0.3	0	0	0.4	0.2	0.2	0.4
Ref No.	IC1																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	1.2	1.2	0	0	1.3	3.2	1.2	0	0	0	0	3.2	0	3.2	0	0	0	1.6	3.2
STANDBY	0	0.2	0.2	0	0	0.1	0.4	0.1	0	0	0	0.2	0.4	0.2	0.4	0.2	0.1	0	0.4	0.2
Ref No.	IC1																			
MODE	41	42	43	44	45	46	47	48												
CD PLAY	1.2	0	1.2	3.2	0	2.5	0	3.2												
STANDBY	0.1	0	0.1	0	0	0.4	0	0.1												
Ref No.	IC2																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	5.2	0	0	5.3	5.3	5.3	5.3												
STANDBY	0	0	0	0	2.6	2.6	2.6	2.6												
Ref No.	IC3																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	1.6	1.6	0	1.6	4.8	0	0	5.3	5.3	0	0	0	0	0	0	0				
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0.1				
Ref No.	IC4																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	2.6	2.6	2.6	0	2.6	2.6	2.6	5.2												
STANDBY	0.6	0.6	0	0	0	0.6	0.6	0												

9.2. Waveform Chart

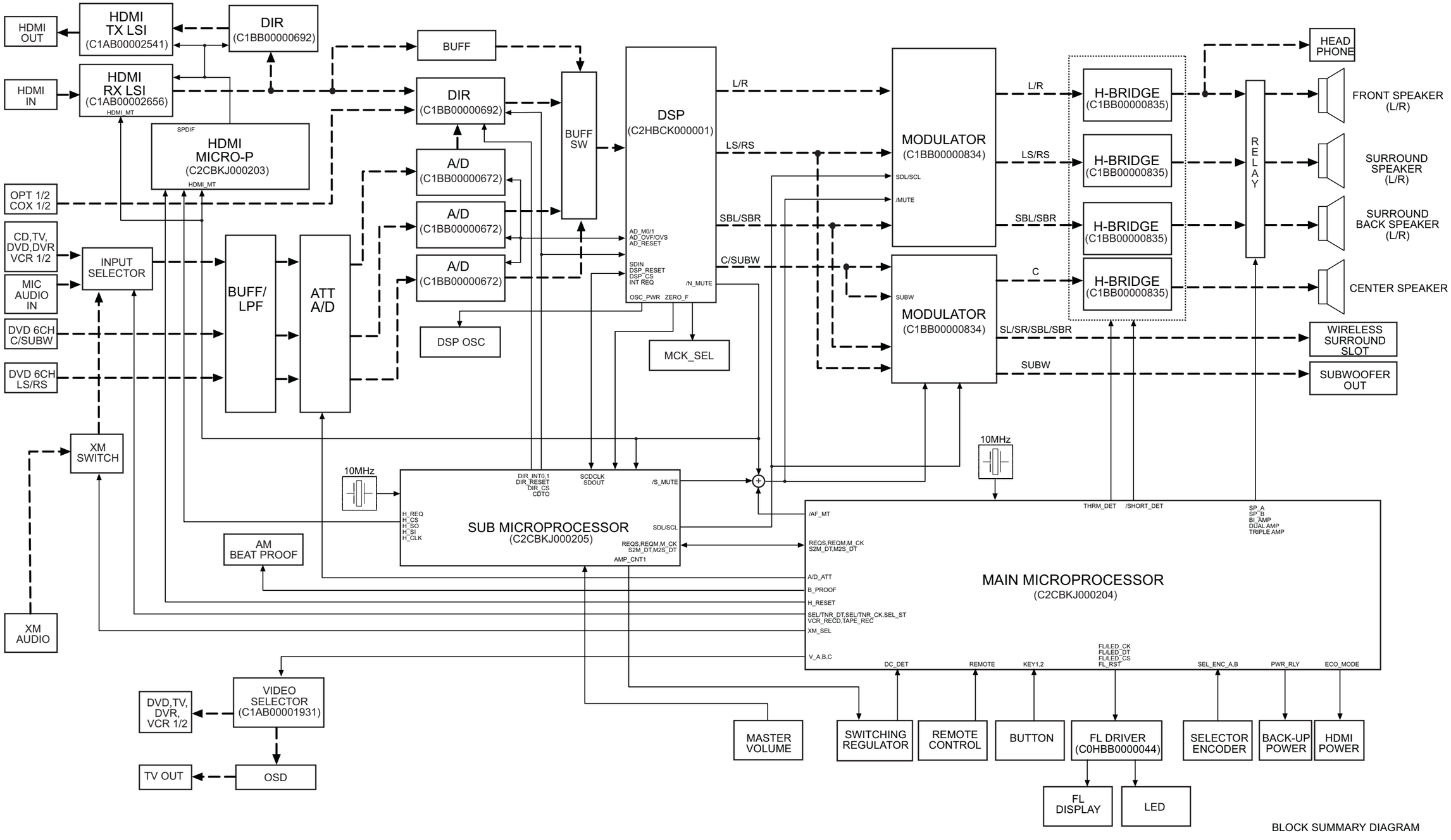
 PB6903 PIN 6 CD PLAY 1.52Vp-p (50msec.div)	 PB6903 PIN 7 CD PLAY 1.72Vp-p (50msec.div)	 PB6903 PIN 8 CD PLAY 3.40Vp-p (50msec.div)	 PB6903 PIN 9 CD PLAY 3.44Vp-p (50msec.div)
 PB6903 PIN 10 CD PLAY 3.44Vp-p (25msec.div)	 P906 PIN 1 CD PLAY 3.60Vp-p (1msec.div)	 P906 PIN 2 CD PLAY 3.60Vp-p (1msec.div)	 P906 PIN 3 CD PLAY 3.56Vp-p (1msec.div)
 P906 PIN 11 CD PLAY 3.56Vp-p (1msec.div)	 P906 PIN 14 CD PLAY 3.84Vp-p (50nsec.div)	 P906 PIN 15 CD PLAY 3.84Vp-p (250nsec.div)	 P906 PIN 16 CD PLAY 3.80Vp-p (25usec.div)
 P906 PIN 18 CD PLAY 3.72Vp-p (25usec.div)	 P906 PIN 19 CD PLAY 3.76Vp-p (5usec.div)	 P906 PIN 20 CD PLAY 3.84Vp-p (5usec.div)	 P906 PIN 21 CD PLAY 3.72Vp-p (5usec.div)

 IC6801 PIN 13 CD PLAY 5.60Vp-p (50nsec.div)	 IC6801 PIN 15 CD PLAY 2.60Vp-p (50nsec.div)	 IC6901 PIN 5 CD PLAY 3.52Vp-p (50msec.div)	 IC6901 PIN 6 CD PLAY 3.44Vp-p (50msec.div)
 IC6901 PIN 7 CD PLAY 3.48Vp-p (50msec.div)	 IC6901 PIN 26 CD PLAY 4.28Vp-p (25usec.div)	 IC6901 PIN 31 CD PLAY 3.60Vp-p (2.5msec.div)	 IC6901 PIN 32 CD PLAY 3.76Vp-p (2.5msec.div)
 IC6901 PIN 33 CD PLAY 3.64Vp-p (2.5msec.div)	 IC6901 PIN 46 CD PLAY 3.60Vp-p (2.5msec.div)	 IC6901 PIN 95 CD PLAY 3.36Vp-p (50msec.div)	

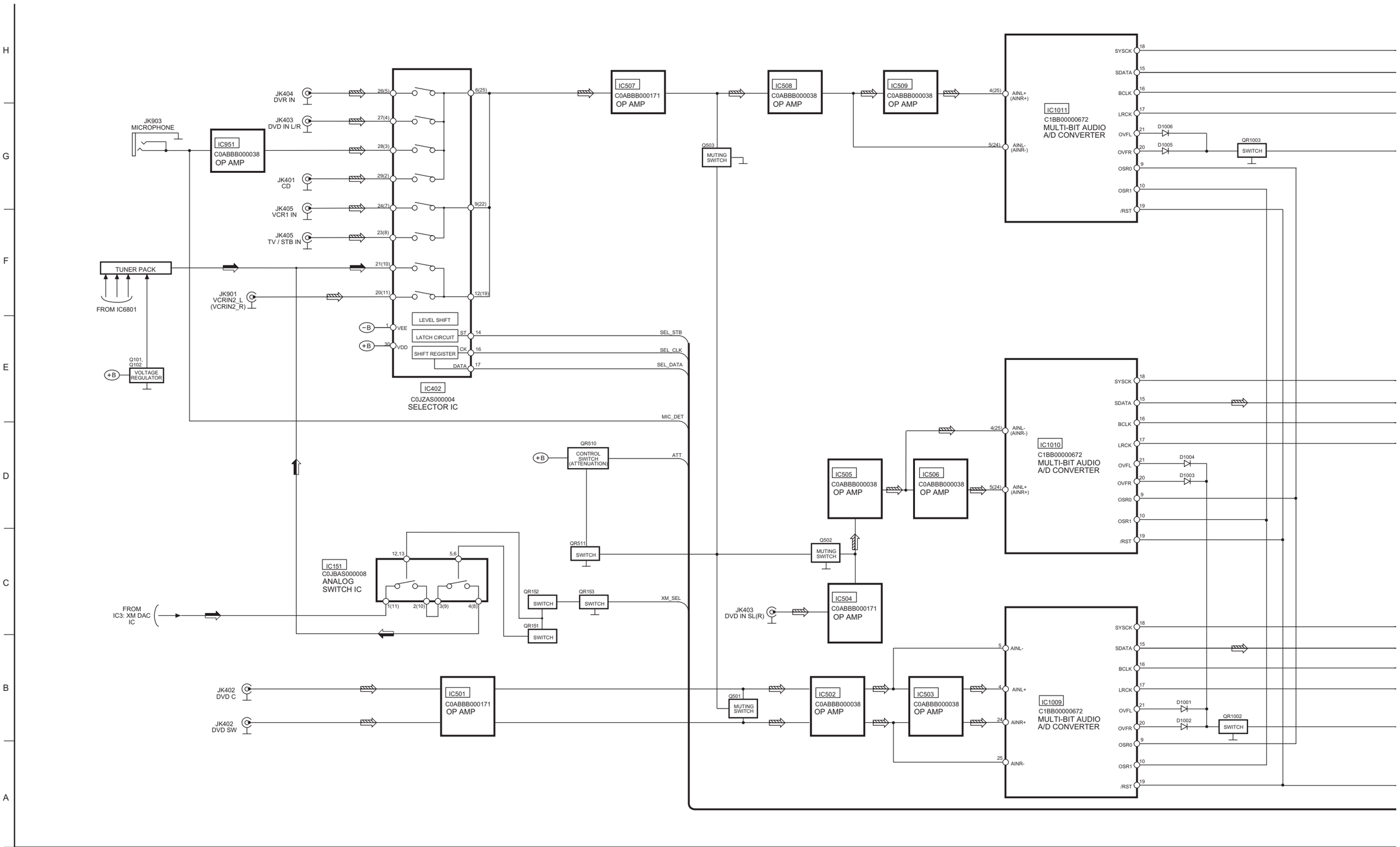
10 Wiring Connection Diagram

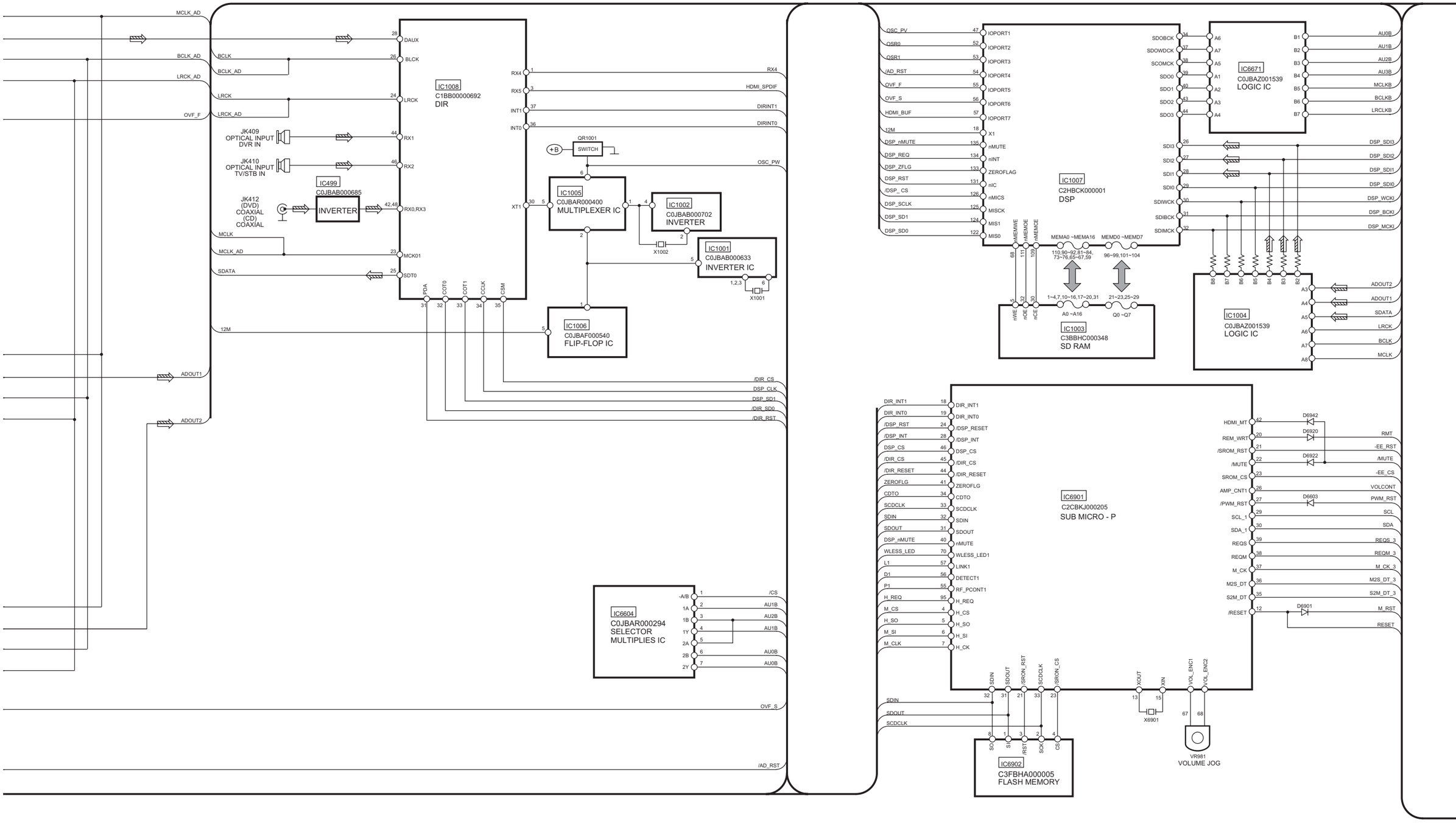


11 Block Diagram

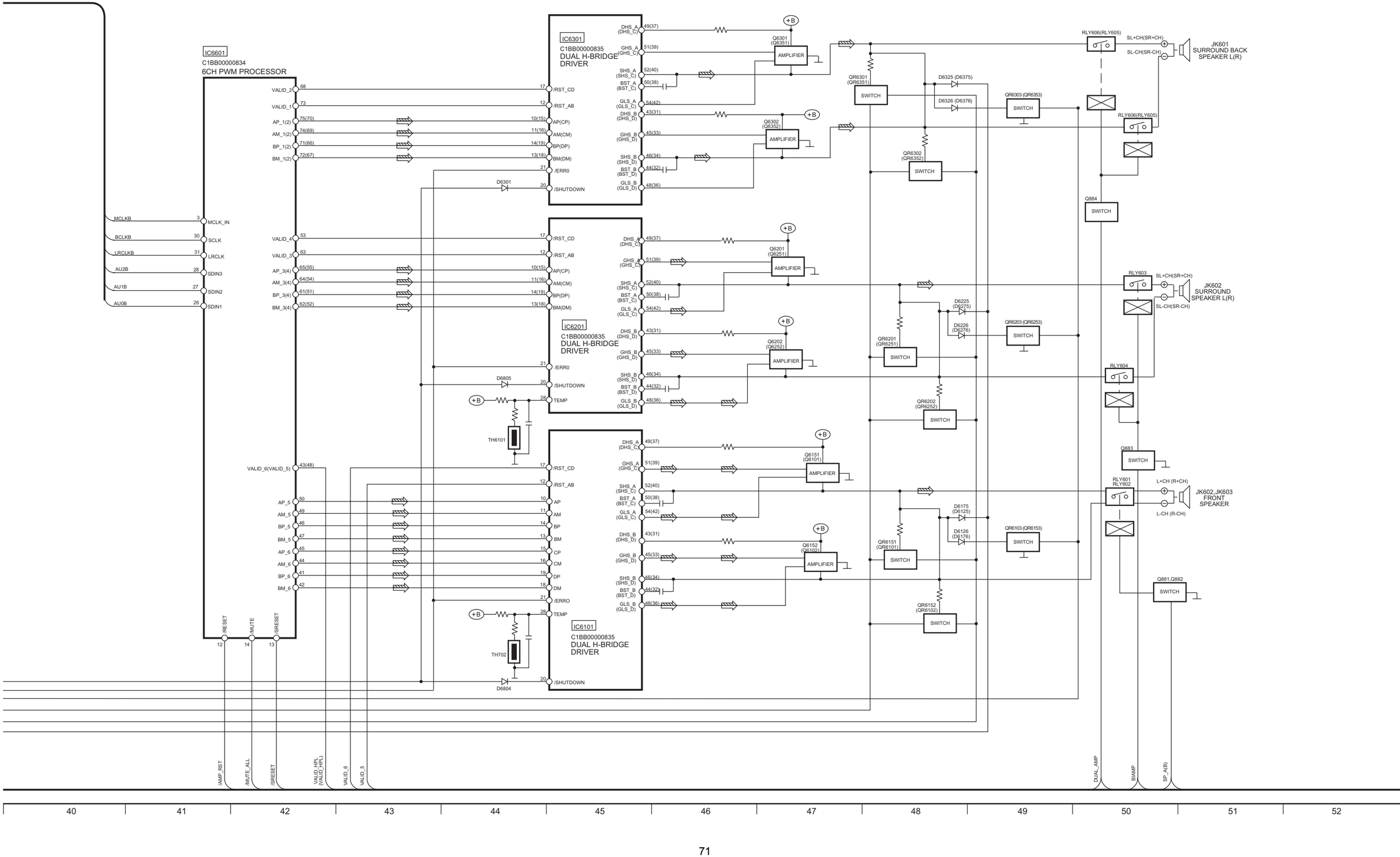


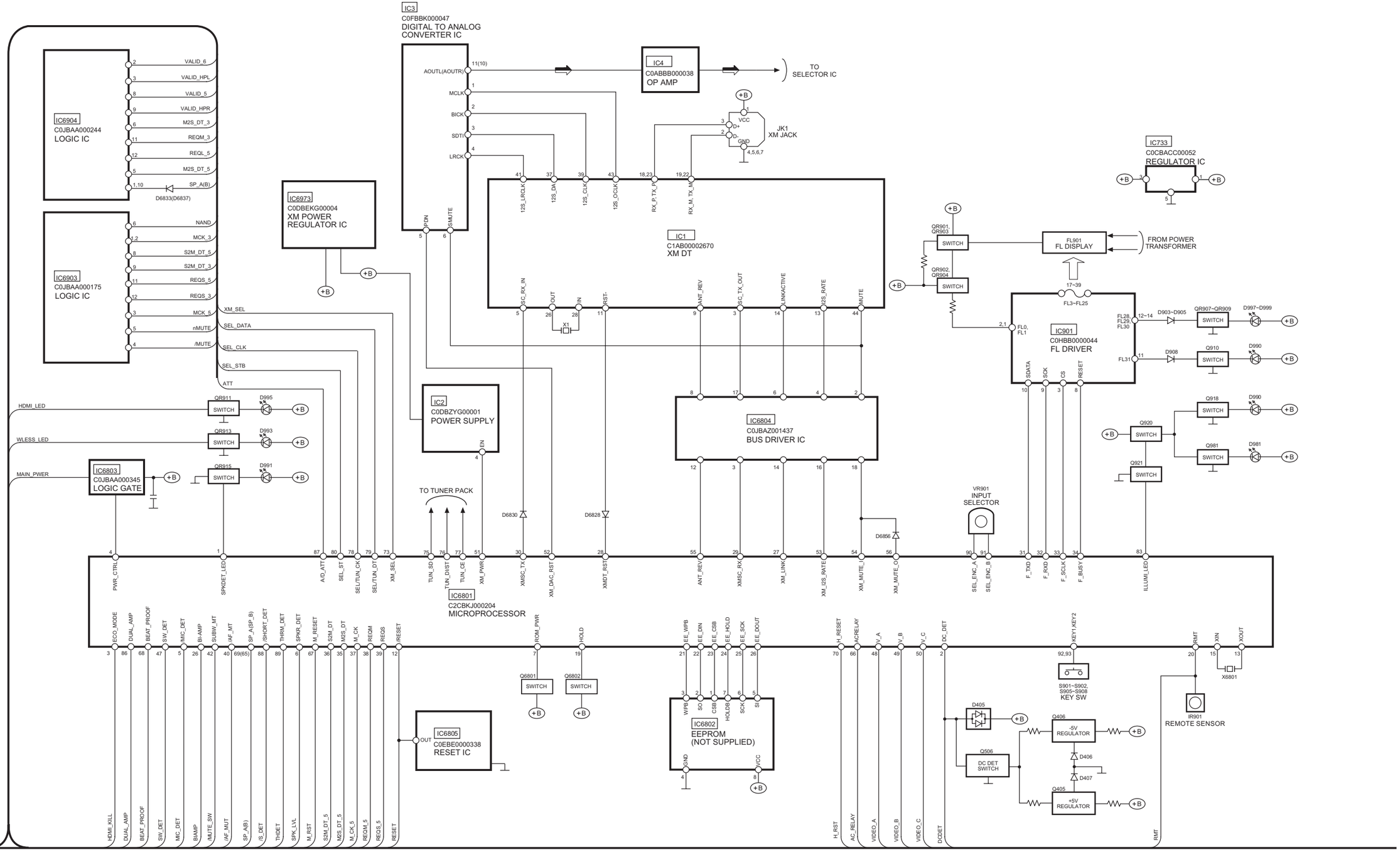
BLOCK SUMMARY DIAGRAM

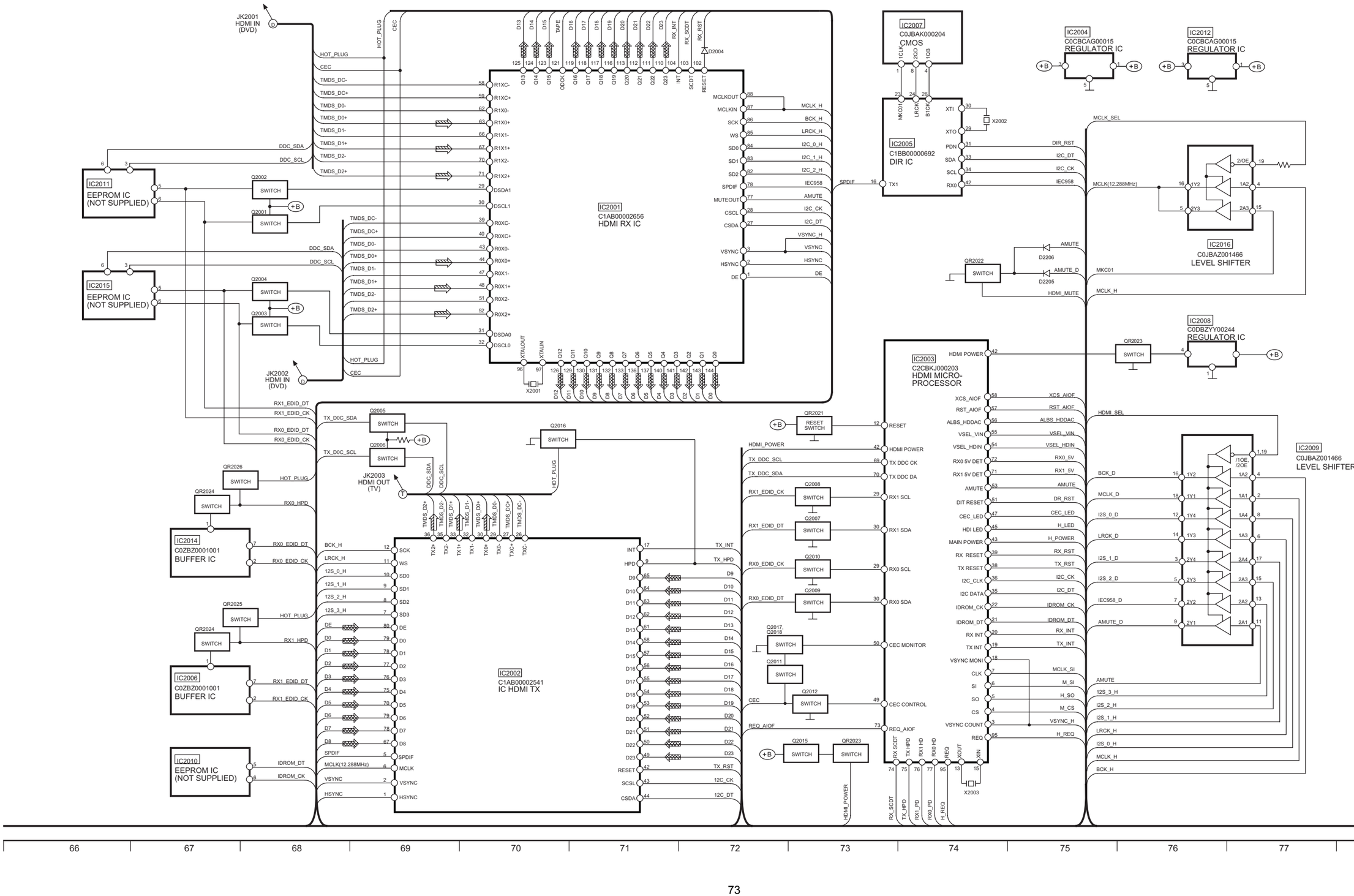

JK404
DVR IN
JK403
DVD IN L/R
JK401
CD
JK405
VCR1 IN
JK405
TV / STB IN
JK903
MICROPHONE
IC951
C0ABBB000038
OP AMP
TUNER PACK
FROM IC6801
JK901
VCRIN2_L
(VCRIN2_R)
Q101,
Q102
VOLTAGE
REGULATOR
LEVEL SHIFT
LATCH CIRCUIT
SHIFT REGISTER
VEE
VDD
ST
CK
DATA
SEL_STB
SEL_CLK
SEL_DATA
IC402
C0JZAS000004
SELECTOR IC
MIC_DET
QR510
CONTROL
SWITCH
(ATTENUATION)
ATT
IC151
C0JBAS000008
ANALOG
SWITCH IC
QR511
SWITCH
QR152
QR153
QR151
XM_SEL
FROM
IC3: XM DAC
IC
JK402
DVD C
JK402
DVD SW
IC501
C0ABBB000171
OP AMP
Q501
MUTING
SWITCH
IC507
C0ABBB000171
OP AMP
IC508
C0ABBB000038
OP AMP
IC509
C0ABBB000038
OP AMP
Q503
MUTING
SWITCH
IC1011
C1BB00000672
MULTI-BIT AUDIO
A/D CONVERTER
AINL+
(AINR+)
AINL-
(AINR-)
SYSCK
SDATA
BCLK
LRCK
OVFL
OVFR
OSR0
OSR1
/RST
D1006
D1005
QR1003
SWITCH
IC505
C0ABBB000038
OP AMP
IC506
C0ABBB000038
OP AMP
IC1010
C1BB00000672
MULTI-BIT AUDIO
A/D CONVERTER
D1004
D1003
Q502
MUTING
SWITCH
IC504
C0ABBB000171
OP AMP
JK403
DVD IN SL(R)
IC502
C0ABBB000038
OP AMP
IC503
C0ABBB000038
OP AMP
IC1009
C1BB00000672
MULTI-BIT AUDIO
A/D CONVERTER
AINL-
AINL+
AINR+
AINR-
D1001
D1002
QR1002
SWITCH

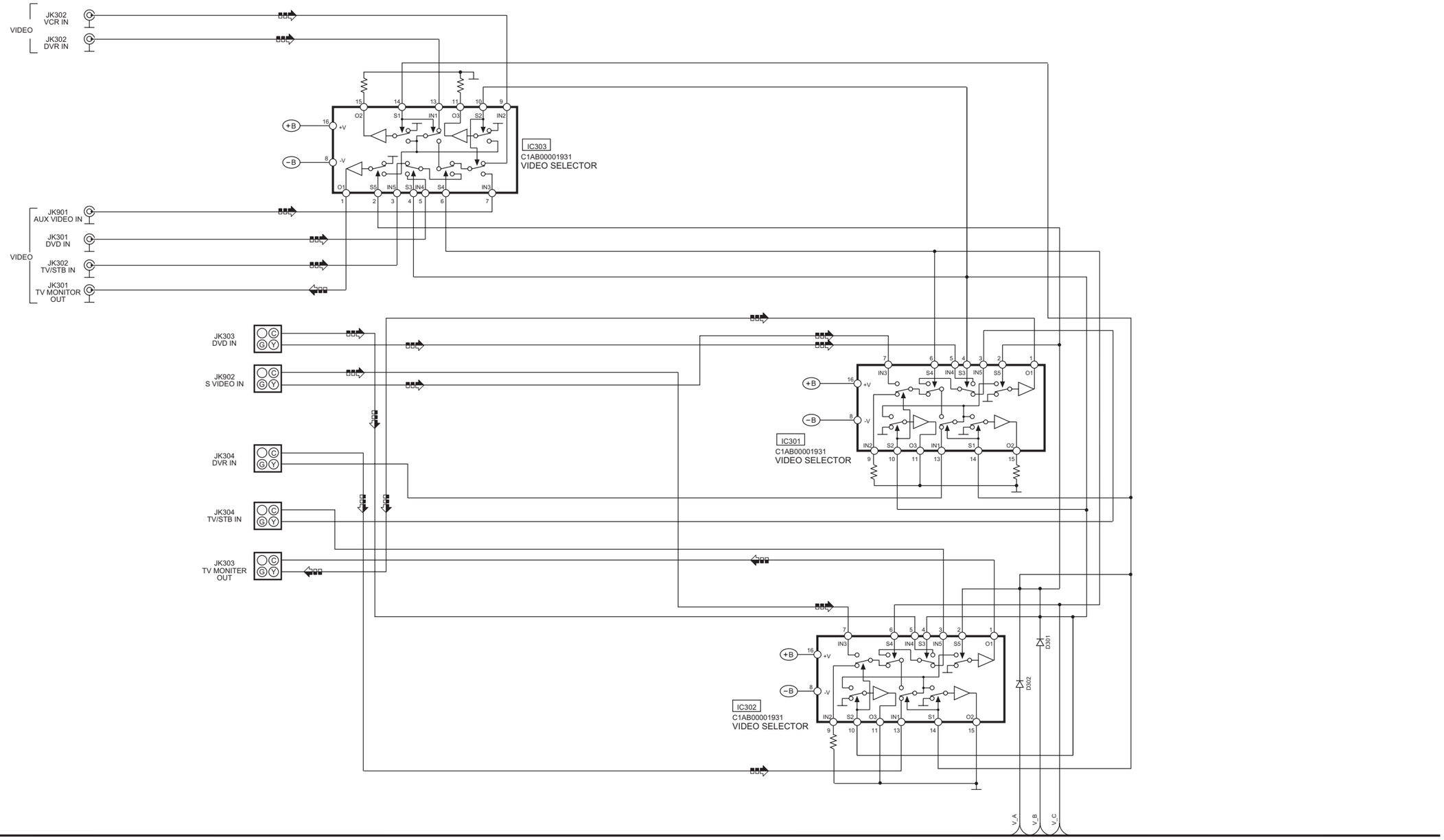

MCLK_AD
BCLK_AD
LRCK_AD
OVF_F
ADOUT1
ADOUT2
IC1008
C1BB00000692
DIR
DAUX
BCLK
LRCK
MCK01
SDT0
RX1
RX2
RX0,RX3
JK409
OPTICAL INPUT
DVR IN
JK410
OPTICAL INPUT
TV/STB IN
JK412
(DVD)
COAXIAL
(CD)
COAXIAL
IC499
C0JBAB000685
INVERTER
RX4
HDMI_SPDIF
DIRINT1
DIRINT0
QR1001
SWITCH
OSC_PW
IC1005
C0JBAR000400
MULTIPLEXER IC
IC1002
C0JBAB000702
INVERTER
X1002
IC1001
C0JBAB000633
INVERTER IC
X1001
IC1006
C0JBAF000540
FLIP-FLOP IC
12M
/DIR_CS
DSP_CLK
DSP_SD1
/DIR_SD0
/DIR_RST
OVF_S
/AD_RST
IC6604
C0JBAR000294
SELECTOR
MULTIPLIES IC
/CS
AU1B
AU2B
AU0B
IC1007
C2HBCK000001
DSP
IC6671
C0JBAZ001539
LOGIC IC
IC1004
C0JBAZ001539
LOGIC IC
IC1003
C3BBHC000348
SD RAM
IC6901
C2CBKJ000205
SUB MICRO - P
IC6902
C3FBHA000005
FLASH MEMORY
X6901
VR981
VOLUME JOG
D6942
D6920
D6922
D6603
D6901
RMT
-EE_RST
/MUTE
-EE_CS
VOLCONT
PWM_RST
SCL
SDA
REQS_3
REQM_3
M_CK_3
M2S_DT_3
S2M_DT_3
M_RST
RESET
DSP_SDI3
DSP_SDI2
DSP_SDI1
DSP_SDI0
DSP_WCKI
DSP_BCKI
DSP_MCKI
ADOUT2
ADOUT1
SDATA
LRCK
BCLK
MCLK

/AF_MUT
/MUT_SW
D6852
D6851
D6861
D6862
QR6851
QR6852
QR6861
QR6862
SWITCH
Q6871
+B
AF_MUTE
SW_DET
IC6701
C1BB00000834
6CH PWM PROCESSOR
MCLKB 3 MCLK_IN
BCLKB 30 SCLK
LRCLKB 31 LRCLK
AU0B 28 SDIN3
AU3B 27 SDIN2
26 SDIN1
IC6972
C0DBEKG00004
REGULATOR
IC6001
C0DBEKG00004
REGULATOR
IC6971
C0DBEKG00004
REGULATOR
JK407
SUBWOOFER
OUT
Q6081
Q6810
VALID_10(VALID_9) 53(63) VALID_4(VALID_3)
AP_10(AP_9) 55(65) AP_4(AP_3)
BP_10(BP_9) 51(61) BP_4(BP_3)
VALID_12(VALID_11) 43(48) VALID_6(VALID_5)
AP_12(AP_11) 45(50) AP_6(AP_5)
BP_12(BP_11) 41(46) BP_6(BP_5)
IC6720
C0JBAA000244
STANDARD GATE
D6723
Q6091
Q6092
FILTER
IC6082
C0ABBB000216
OP-AMP IC
VALID_2 68
AP_2 70
BP_2 66
VALID_1 73
AP_1 75
AM_1 74
BP_1 71
BM_1 72
VAL_ID_SW
SW_P
SW_M
IC6401
C1BB00000835
DUAL H-BRIDGE
DRIVER
/RST_CD
/RST_AB
AP
AM
BP
BM
CP
CM
DM
DP
/ERRO
/SHUTDOWN
DHS_C 37
GHS_C 39
SHS_C 40
BST_C 38
GLS_C 42
DHS_D 31
GHS_D 33
SHS_D 34
BST_D 32
GLS_D 36
Q6451
Q6452
AMPLIFIER
QR6803
QR6804
IC6603
C0JBAB000710
LOGIC GATE
D6401
D6811
/RESET 12
/MUTE 14
/SRESET 13
/AMP_RST
/MUTE_ALL
/SRESET
/S_DET
THDET
/SRESET
IC6602
C0JBAA000244
STANDARD GATE
AP_6(AP_5)
BP_6(BP_5)
VALID_HPL(VALID_HPR)
Q6001 (Q6003)
Q6002 (Q6004)
FILTER
IC6051
C0AABB000084
OP-AMP IC
Q6005 (Q6006)
L999 (L998)
JK905
HEADPHONE
IC6552
C0JBAA000244
STANDARD GATE
AP_12(AP_11)
BP_12(BP_11)
Q6551 (Q6553)
Q68552 (Q6554)
IC6553
C0ABBB000216
OP-AMP IC
Q6555 (Q6555)
P451
WIRELESS
L1
D1
P1
Q6809
Q6810
D6814
QR6813
Q6812
QR6491
Q6814,Q6808
QR6805
QR6806
QR6451
QR6452
D6475
D6476
QR6453
C+ CH
C- CH
JK602
CENTRE
SPEAKER
SPK_LVL
/S_DET


IC6601
C1BB00000834
6CH PWM PROCESSOR
MCLKB
BCLKB
LRCLKB
AU2B
AU1B
AU0B
MCLK_IN
SCLK
LRCLK
SDIN3
SDIN2
SDIN1
VALID_2
VALID_1
AP_1(2)
AM_1(2)
BP_1(2)
BM_1(2)
VALID_4
VALID_3
AP_3(4)
AM_3(4)
BP_3(4)
BM_3(4)
VALID_6(VALID_5)
AP_5
AM_5
BP_5
BM_5
AP_6
AM_6
BP_6
BM_6
/RESET
/MUTE
/SRESET
/RST_CD
/RST_AB
AP(CP)
AM(CM)
BP(DP)
BM(DM)
/ERR0
/SHUTDOWN
TEMP
AP
AM
BP
BM
CP
CM
DP
DM
/ERRO
IC6301
C1BB00000835
DUAL H-BRIDGE
DRIVER
IC6201
C1BB00000835
DUAL H-BRIDGE
DRIVER
IC6101
C1BB00000835
DUAL H-BRIDGE
DRIVER
D6301
D6805
D6804
TH6101
TH702
+B
DHS_A (DHS_C)
GHS_A (GHS_C)
SHS_A (SHS_C)
BST_A (BST_C)
GLS_A (GLS_C)
DHS_B (DHS_D)
GHS_B (GHS_D)
SHS_B (SHS_D)
BST_B (BST_D)
GLS_B (GLS_D)
Q6301 (Q6351)
Q6302 (Q6352)
Q6201 (Q6251)
Q6202 (Q6252)
Q6151 (Q6101)
Q6152 (Q6102)
AMPLIFIER
QR6301 (QR6351)
QR6302 (QR6352)
QR6201 (QR6251)
QR6202 (QR6252)
QR6151 (QR6101)
QR6152 (QR6102)
QR6303 (QR6353)
QR6203 (QR6253)
QR6103 (QR6153)
SWITCH
D6325 (D6375)
D6326 (D6376)
D6225 (D6275)
D6226 (D6276)
D6175 (D6125)
D6126 (D6176)
RLY606(RLY605)
SL+CH(SR+CH)
SL-CH(SR-CH)
JK601
SURROUND BACK
SPEAKER L(R)
Q884
RLY603
JK602
SURROUND
SPEAKER L(R)
RLY604
Q883
RLY601
RLY602
L+CH (R+CH)
L-CH (R-CH)
JK602,JK603
FRONT
SPEAKER
Q881,Q882
/AMP_RST
/MUTE_ALL
/SRESET
VALID_HPL (VALID_HPL)
VALID_6
VALID_5
DUAL_AMP
BIAMP
SP_A(B)
40
41
42
43
44
45
46
47
48
49
50
51
52


IC6904
C0JBAA000244
LOGIC IC
VALID_6
VALID_HPL
VALID_5
VALID_HPR
M2S_DT_3
REQM_3
REQL_5
M2S_DT_5
SP_A(B)
D6833(D6837)
IC6903
C0JBAA000175
LOGIC IC
NAND
MCK_3
S2M_DT_5
S2M_DT_3
REQS_5
REQS_3
MCK_5
nMUTE
/MUTE
XM_SEL
SEL_DATA
SEL_CLK
SEL_STB
ATT
HDMI_LED
WLESS_LED
MAIN_PWER
QR911
QR913
QR915
SWITCH
D995
D993
D991
IC6803
C0JBAA000345
LOGIC GATE
IC6973
C0DBEKG00004
XM POWER
REGULATOR IC
IC3
C0FBBK000047
DIGITAL TO ANALOG
CONVERTER IC
AOUTL(AOUTR)
MCLK
BICK
SDTI
LRCK
PDN
SMUTE
12S_LRCLK
12S_DA
12S_CLK
12S_OCLK
RX_P_TX_P
RX_M_TX_M
IC4
C0ABBB000038
OP AMP
TO
SELECTOR IC
JK1
XM JACK
VCC
D+
D-
GND
4,5,6,7
IC1
C1AB00002670
XM DT
MC_RX_IN
OUT
IN
RST-
ANT_REV
SC_TX_OUT
LINKACTIVE
12S_RATE
MUTE
X1
IC2
C0DBZYG00001
POWER SUPPLY
EN
TO TUNER PACK
D6830
D6828
IC6804
C0JBAZ001437
BUS DRIVER IC
D6856
VR901
INPUT
SELECTOR
SEL_ENC_A
SEL_ENC_B
IC733
C0CBACC00052
REGULATOR IC
QR901,
QR903
QR902,
QR904
FL901
FL DISPLAY
FROM POWER
TRANSFORMER
17~39
FL3~FL25
IC901
C0HBB0000044
FL DRIVER
FL0,
FL1
FL28
FL29
FL30
FL31
12~14
11
D903~D905
D908
QR907~QR909
Q910
D997~D999
D990
Q918
Q920
Q921
Q981
D981
SDATA
SCK
CS
RESET
F_TXD
F_RXD
F_SCLK
F_BUSY
ILLUMI_LED
IC6801
C2CBKJ000204
MICROPROCESSOR
ECO_MODE
DUAL_AMP
BEAT_PROOF
SW_DET
MIC_DET
BI-AMP
SUBW_MT
/AF_MT
SP_A(SP_B)
SHORT_DET
THRM_DET
SPKR_DET
M_RESET
S2M_DT
M2S_DT
M_CK
REQM
REQS
RESET
ROM_PWR
HOLD
Q6801
Q6802
SWITCH
EE_WPB
EE_DIN
EE_CSB
EE_HOLD
EE_SCK
EE_DOUT
IC6802
EEPROM
(NOT SUPPLIED)
WPB
SO
CSB
HOLDB
SCK
SI
GND
VCC
IC6805
C0EBE0000338
RESET IC
H_RESET
AC_RELAY
V_A
V_B
V_C
DC_DET
KEY1,KEY2
S901~S902,
S905~S908
KEY SW
RMT
VIN
XOUT
X6801
IR901
REMOTE SENSOR
D405
Q506
DC DET
SWITCH
Q406
-5V
REGULATOR
D406
D407
Q405
+5V
REGULATOR
HDMI_KILL
DUAL_AMP
BEAT_PROOF
SW_DET
MIC_DET
BIAMP
/MUTE_SW
/AF_MUT
SP_A(B)
/S_DET
THDET
SPK_LVL
M_RST
S2M_DT_5
M2S_DT_5
M_CK_5
REQM_5
REQS_5
RESET
H_RST
AC_RELAY
VIDEO_A
VIDEO_B
VIDEO_C
DCDET
RMT
+B


JK2001
HDMI IN
(DVD)
HOT_PLUG
CEC
TMDS_DC-
TMDS_DC+
TMDS_D0-
TMDS_D0+
TMDS_D1-
TMDS_D1+
TMDS_D2-
TMDS_D2+
DDC_SDA
DDC_SCL
IC2011
EEPROM IC
(NOT SUPPLIED)
IC2015
EEPROM IC
(NOT SUPPLIED)
Q2002
Q2001
Q2004
Q2003
SWITCH
+B
JK2002
HDMI IN
(DVD)
IC2001
C1AB00002656
HDMI RX IC
D13
D14
D15
TAPE
D16
D17
D18
D19
D20
D21
D22
D23
RX_INT
RX_SCDT
RX_RST
D2004
R1XC-
R1XC+
R1X0-
R1X0+
R1X1-
R1X1+
R1X2-
R1X2+
DSDA1
DSCL1
R0XC-
R0XC+
R0X0-
R0X0+
R0X1-
R0X1+
R0X2-
R0X2+
DSDA0
DSCL0
ODCK
INT
SCDT
RESET
MCLKOUT
MCLKIN
SCK
WS
SD0
SD1
SD2
SPDIF
MUTEOUT
CSCL
CSDA
VSYNC
HSYNC
DE
MCLK_H
BCK_H
LRCK_H
I2C_0_H
I2C_1_H
I2C_2_H
IEC958
AMUTE
I2C_CK
I2C_DT
VSYNC_H
HSYNC
DE
XTALOUT
XTALIN
X2001
IC2007
C0JBAK000204
CMOS
1CLK
2QD
1QB
IC2004
C0CBCAG00015
REGULATOR IC
IC2012
C0CBCAG00015
REGULATOR IC
IC2005
C1BB00000692
DIR IC
MKC01
LRCK
BICK
XTI
XTO
PDN
SDA
SCL
RX0
X2002
TX1
SPDIF
DIR_RST
I2C_DT
I2C_CK
IEC958
MCLK_SEL
MCLK(12.288MHz)
IC2016
C0JBAZ001466
LEVEL SHIFTER
2/OE
1A2
2Y3
2A3
1Y2
AMUTE
D2206
AMUTE_D
D2205
QR2022
HDMI_MUTE
MCLK_H
IC2008
C0DBZYY00244
REGULATOR IC
QR2023
IC2003
C2CBKJ000203
HDMI MICRO-
PROCESSOR
HDMI POWER
XCS_AIOF
RST_AIOF
ALBS_HDDAC
VSEL_VIN
VSEL_HDIN
RX0 5V DET
RX1 5V DET
AMUTE
DIT RESET
CEC_LED
HDI LED
MAIN POWER
RX RESET
TX RESET
I2C CLK
I2C DATA
IDROM_CK
IDROM_DT
RX INT
TX INT
VSYNC MONI
CLK
SI
SO
CS
VSYNC COUNT
REQ
RX_RST
TX_RST
H_LED
H_POWER
MCLK_SI
M_SI
H_SO
M_CS
VSYNC_H
H_REQ
HDMI_SEL
IC2009
C0JBAZ001466
LEVEL SHIFTER
/1OE
/2OE
1A1
1A4
2A4
2A2
1Y1
1Y4
1Y3
2Y4
2Y2
2Y1
BCK_D
MCLK_D
I2S_0_D
LRCK_D
I2S_1_D
I2S_2_D
IEC958_D
AMUTE_D
I2S_3_H
I2S_2_H
I2S_1_H
I2S_0_H
MCLK_H
BCK_H
RX1_EDID_DT
RX1_EDID_CK
RX0_EDID_DT
RX0_EDID_CK
TX_D0C_SDA
TX_D0C_SCL
Q2005
Q2006
Q2016
JK2003
HDMI OUT
(TV)
TMDS_D2+
TMDS_D2-
TMDS_D1+
TMDS_D1-
TMDS_D0-
TMDS_D0+
TMDS_DC+
TMDS_DC-
TX2+
TX2-
TX1+
TX1-
TX0-
TX0+
TXC+
TXC-
QR2026
QR2024
QR2025
IC2014
C0ZBZ0001001
BUFFER IC
IC2006
C0ZBZ0001001
BUFFER IC
IC2010
EEPROM IC
(NOT SUPPLIED)
IDROM_DT
IDROM_CK
IC2002
C1AB00002541
IC HDMI TX
BCK_H
LRCK_H
I2S_0_H
I2S_1_H
I2S_2_H
I2S_3_H
DE
D0
D1
D2
D3
D4
D5
D6
D7
D8
SPDIF
MCLK(12.288MHz)
VSYNC
HSYNC
SCK
WS
SD0
SD1
SD2
SD3
MCLK
INT
HPD
RESET
SCSL
CSDA
TX_INT
TX_HPD
TX_RST
I2C_CK
I2C_DT
QR2021
RESET SWITCH
HDMI_POWER
TX_DDC_SCL
TX_DDC_SDA
Q2008
Q2007
Q2010
Q2009
Q2017,
Q2018
Q2011
Q2012
Q2015
QR2023
TX DDC CK
TX DDC DA
RX1 SCL
RX1 SDA
RX0 SCL
RX0 SDA
CEC MONITOR
CEC CONTROL
REQ_AIOF
RX_SCDT
TX_HPD
RX1_HD
RX0_HD
REQ
XOUT
XIN
X2003
RX_SCDT
TX_HPD
RX1_PD
RX0_PD
H_REQ
HDMI_POWER

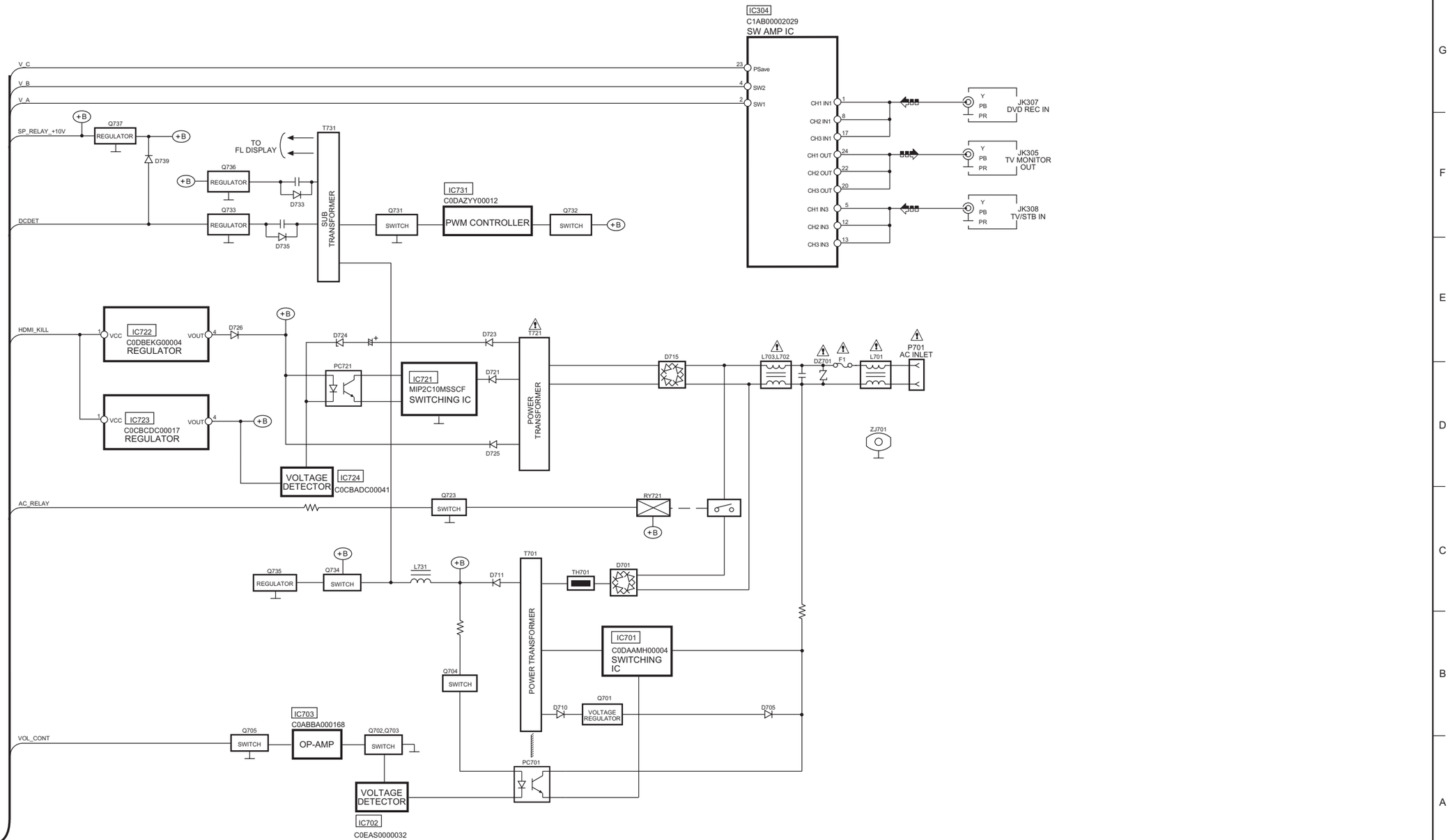

VIDEO
JK302
VCR IN
JK302
DVR IN
IC303
C1AB00001931
VIDEO SELECTOR
+B
-B
+V
-V
O2
S1
IN1
O3
S2
IN2
O1
S5
IN5
S3
IN4
S4
IN3
JK901
AUX VIDEO IN
JK301
DVD IN
JK302
TV/STB IN
JK301
TV MONITOR OUT
JK303
DVD IN
JK902
S VIDEO IN
JK304
DVR IN
JK304
TV/STB IN
JK303
TV MONITER OUT
IC301
C1AB00001931
VIDEO SELECTOR
IC302
C1AB00001931
VIDEO SELECTOR
D301
D302
V_A
V_B
V_C

SIGNAL LINES

: MAIN SIGNAL LINE
: FM/AM SIGNAL LINE
: DVD AUDIO SIGNAL LINE
: VIDEO SIGNAL LINE

( ) Indicates Pin No. of Right Channel

Note : Signal Lines are applicable to the Left Channel only.



H G F E D C B A

92 93 94 95 96 97 98 99 100 101 102 103 104

12 Notes Of Schematic Diagram

(All schematic diagrams may be modified at any time with the development of new technology)

Notes:

S901:	POWER switch. (⏻/I)
S902:	SPEAKER A switch. (SPEAKER A)
S903:	TUNE DOWN switch. (TUNE ∨)
S904:	TUNE UP switch. (TUNE ∧).
S905:	SPEAKER B switch. (SPEAKER B)
S906:	MENU/SETUP switch.
S907:	ENTER switch.
S908:	MULTI CH/SURROUND switch.
VR901:	VR INPUT SELECTOR.
VR981:	VR VOLUME JOG.

· **Importance safety notice :**

Components identified by ⚠ mark have special characteristics important for safety.
Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.
When replacing any of components, be sure to use only manufacturer´s specified parts shown in the parts list.

· In case of **AC rated voltage Capacitor**, the part no and values will be indicated in the Schematic Diagram.

AC rated voltage capacitor:
C701, C702, C703, C704, C705, C706, C714

· Capacitor values are in microfarad(μF) unless specified otherwise, F=Farad, pF=Pico-Farad

Resistance values are in ohm(Ω), unless specified otherwise, 1K=1,000Ω, 1M=1,000KΩ

· **Voltage and Signal lines:**

: +B Signal line
: -B Signal line
: Main signal line
: FM/AM/XM signal line
: Video signal line

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1 8A, 125V FUSE.

RISK OF FIRE-REPLACE FUSE AS MARKED.

FUSE CAUTION

These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire harzard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n' utiliser que des fusibles de même type. Ce dernier est indiqué là qù le présent symbole est apposé.

13 Schematic Diagram

13.1. DSP CIRCUIT

SCHEMATIC DIAGRAM - 1

A DSP CIRCUIT

: +B SIGNAL LINE :MAIN SIGNAL LINE

IC1008
C1BB00000692
DIR

IC1002
C0JBAB000702
INVERTER

QR1001
B1GDCFJN0001
SWITCH

IC1005
C0JBAR000400
MULTIPLEXER IC

IC1001
C0JBAB000633
INVERTER IC

IC1006
C0JBAF000540
FLIP-FLOP IC

IC1009
C1BB00000672
MULTI-BIT AUDIO A/D CONVERTER

IC1010
C1BB00000672
MULTI-BIT AUDIO A/D CONVERTER

QR1002
B1GBCFJJ0007
SWITCH

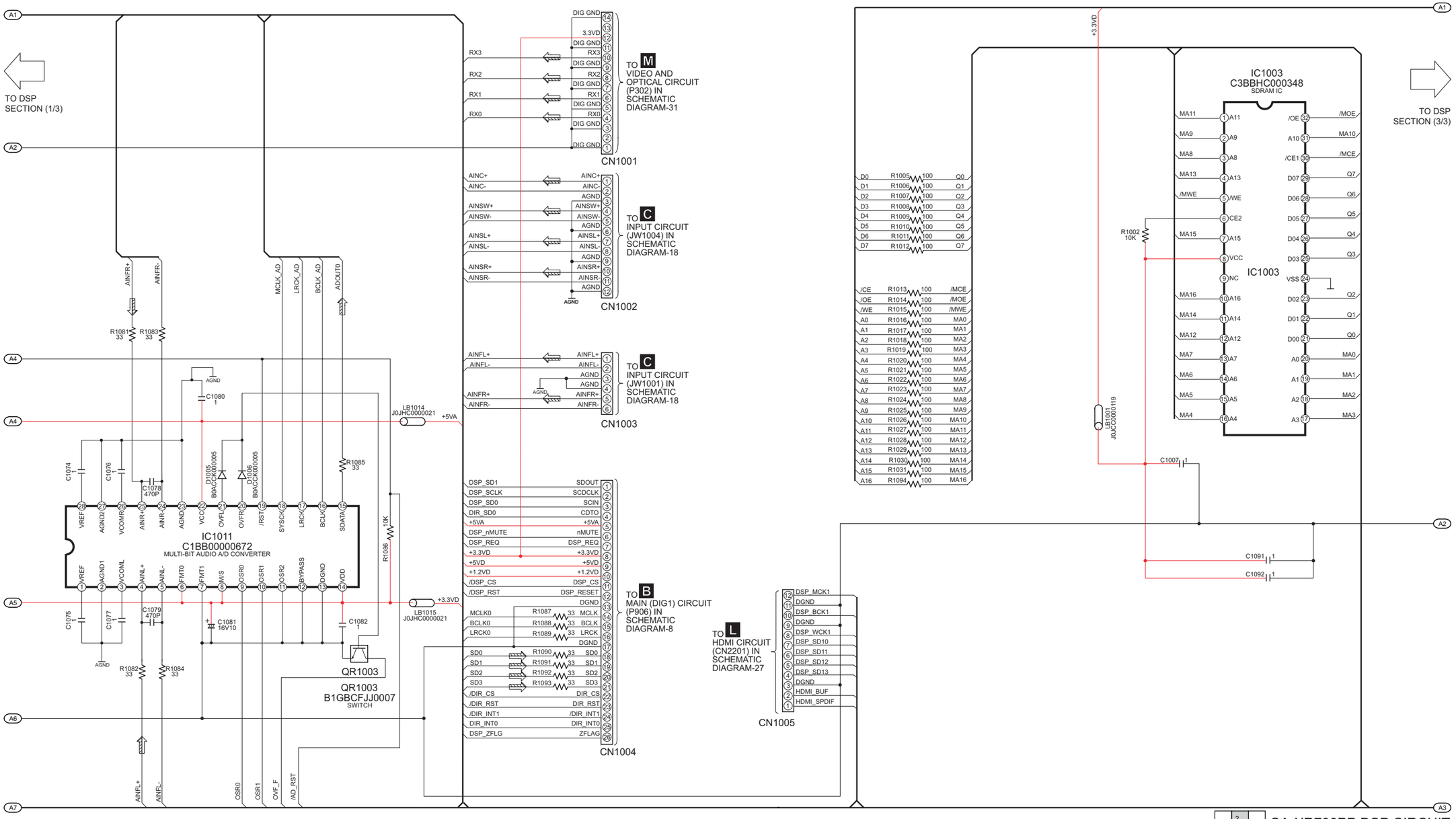
TO DSP
SECTION (2/3)

SA-XR700PP DSP CIRCUIT

SCHEMATIC DIAGRAM - 2

A DSP CIRCUIT

: +B SIGNAL LINE :MAIN SIGNAL LINE

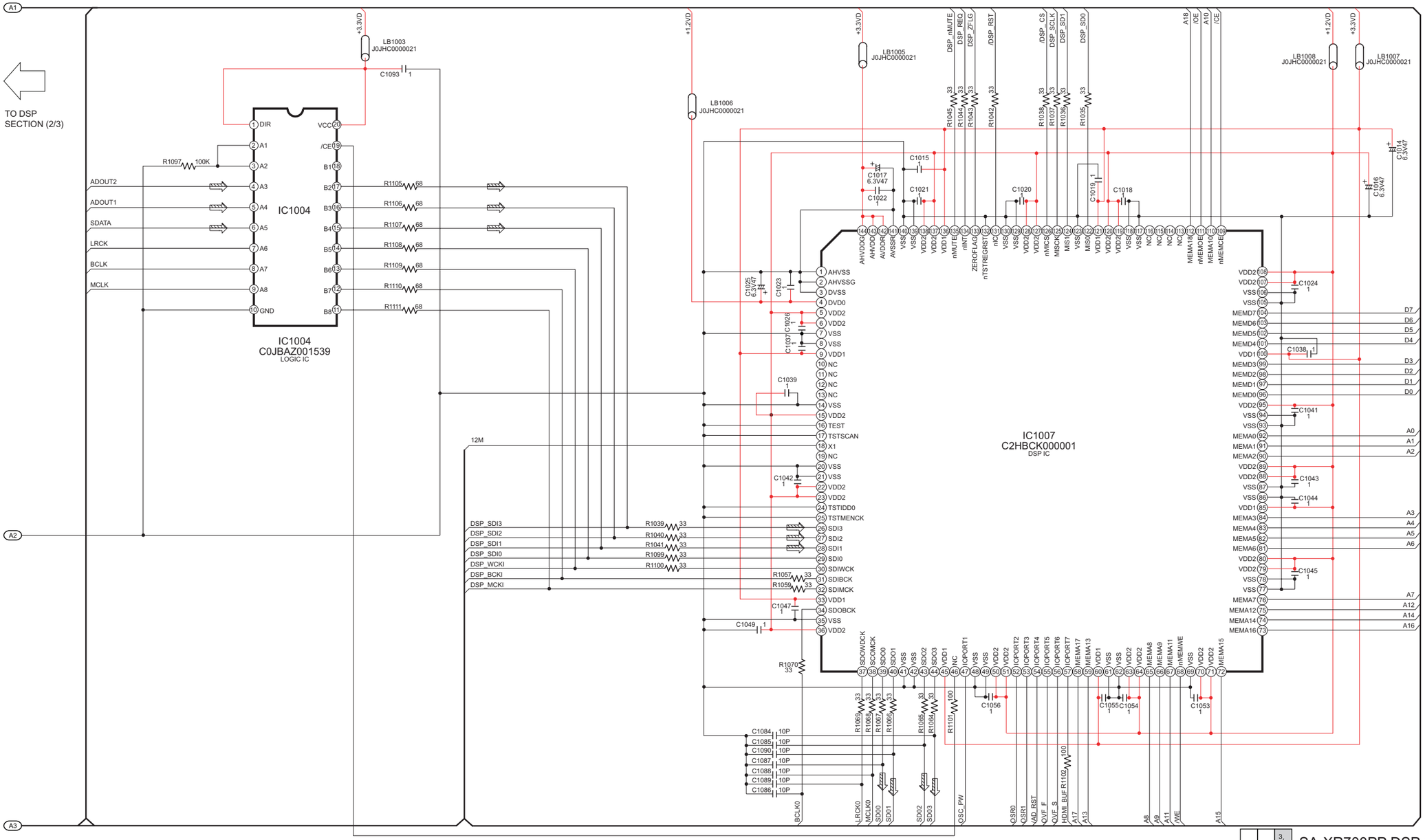


SA-XR700PP DSP CIRCUIT

SCHEMATIC DIAGRAM - 3

A DSP CIRCUIT

: +B SIGNAL LINE :MAIN SIGNAL LINE



3/3 SA-XR700PP DSP CIRCUIT

13.2. MAIN (DIG1) CIRCUIT

SCHEMATIC DIAGRAM - 4

B MAIN (DIG1) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

TO C INPUT CIRCUIT (PA6501) IN SCHEMATIC DIAGRAM-18

TO WIRELESS

TO F XM READY CIRCUIT FP1 ON SCHEMATIC DIAGRAM-20

TO DAMP 1 SECTION (2/6)

TO E PANEL CIRCUIT (PA951) IN SCHEMATIC DIAGRAM-19

TO DAMP 1 SECTION (3/6)

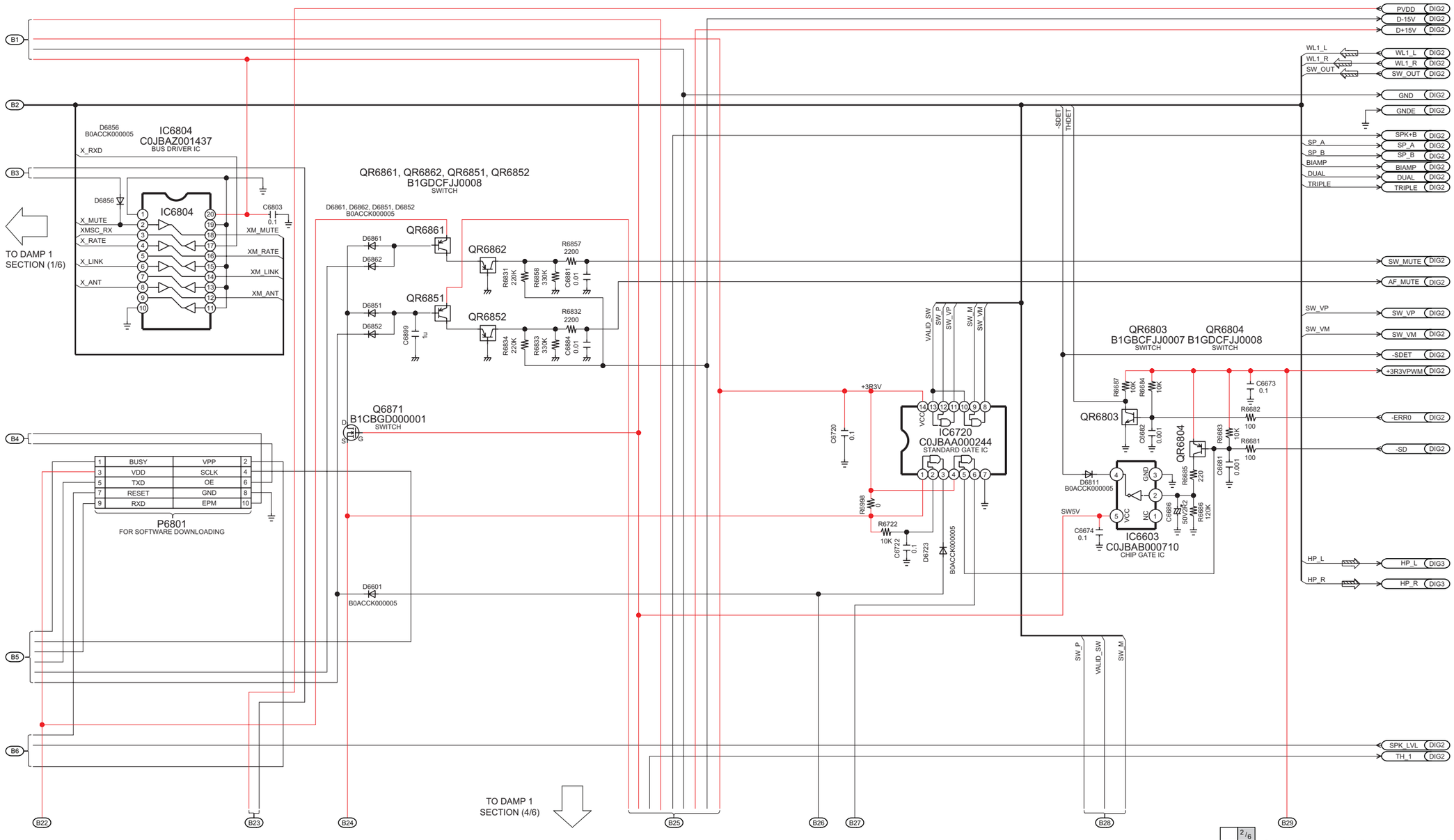
IC6801 C2CBKJ000204 MICRO-PROCESSOR IC

SA-XR700PP (DIG1) MAIN CIRCUIT

SCHEMATIC DIAGRAM - 5

B MAIN (DIG1) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE



2/6 SA-XR700PP (DIG1) MAIN CIRCUIT

SCHEMATIC DIAGRAM - 6

B MAIN (DIG1) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

TO DAMP 1 SECTION (1/6)

PB6903

TO L HDMI CIRCUIT (CN2202) IN SCHEMATIC DIAGRAM-27

IC6803 C0JBAA000345 CHIP GATE IC

IC6805 C0EBE0000338 RESET IC

Q6802 B1ADCF000063 SWITCH

IC6901 C2CBKJ000205 SUB MICRO-PROCESSOR

P6901 FOR SOFTWARE DOWNLOADING

TO DAMP 1 SECTION (5/6)

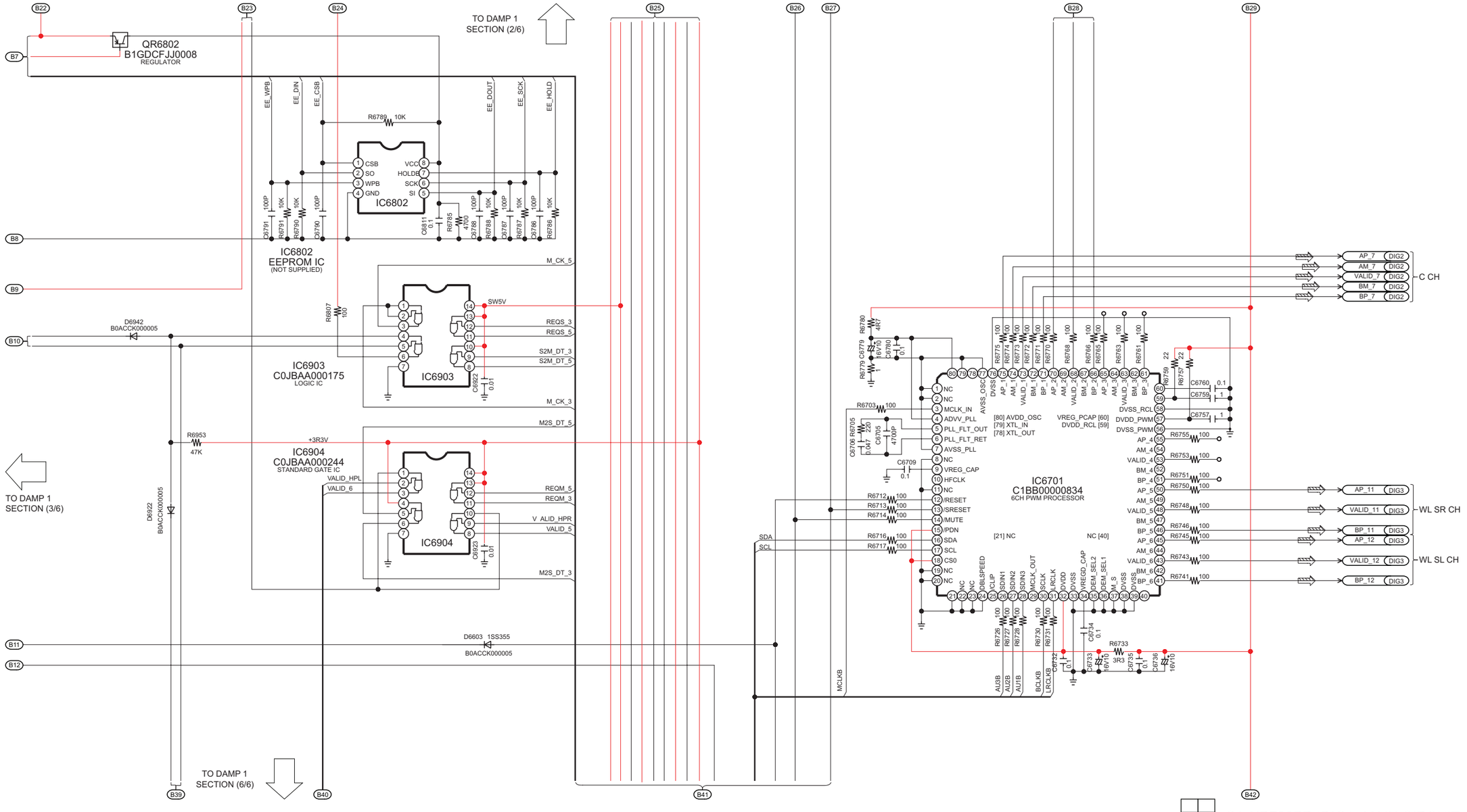
TO DAMP 1 SECTION (4/6)

SA-XR700PP (DIG1) MAIN CIRCUIT

SCHEMATIC DIAGRAM - 7

B MAIN (DIG1) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

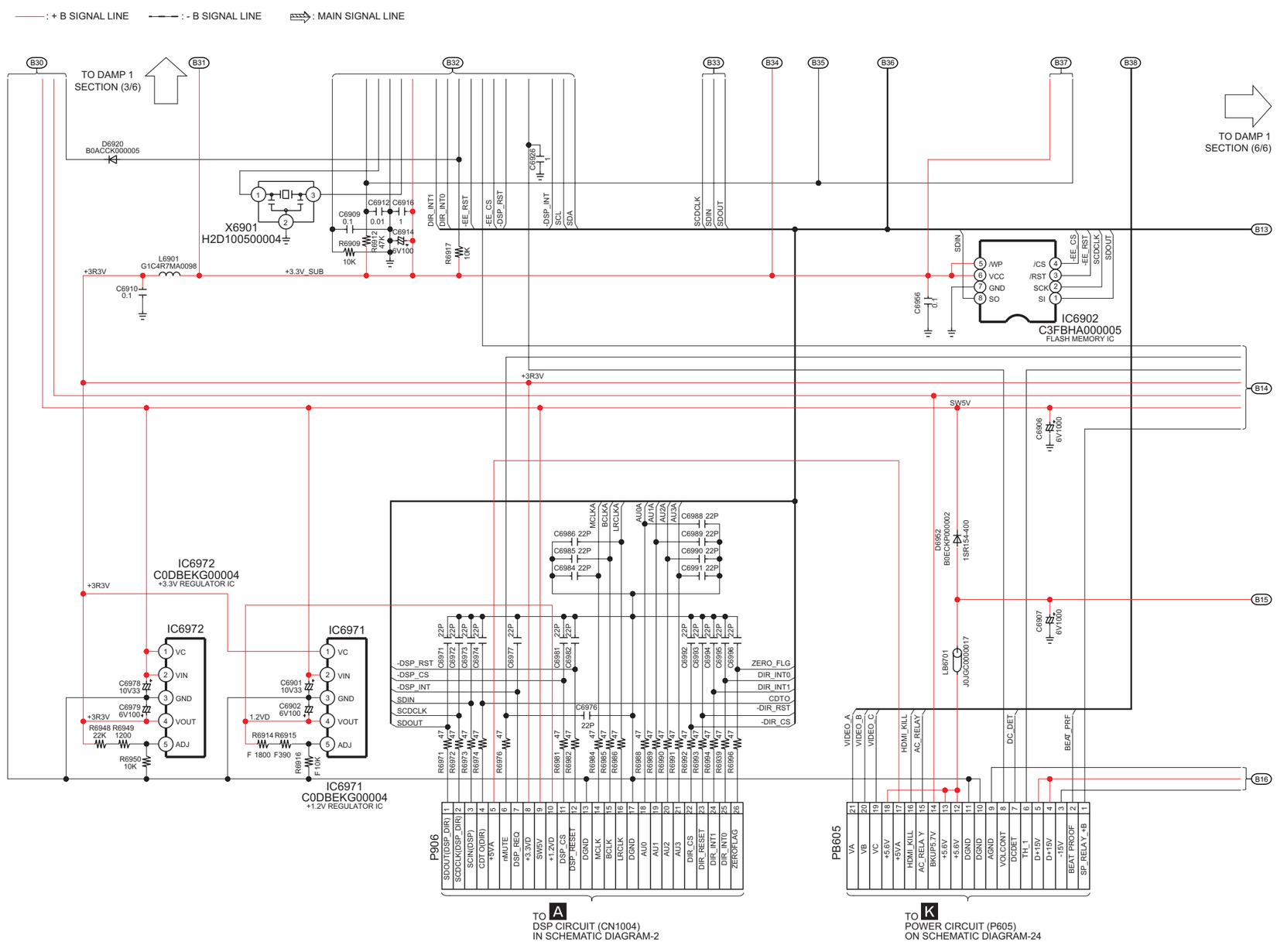


SA-XR700PP (DIG1) MAIN CIRCUIT

4/6

SCHEMATIC DIAGRAM - 8

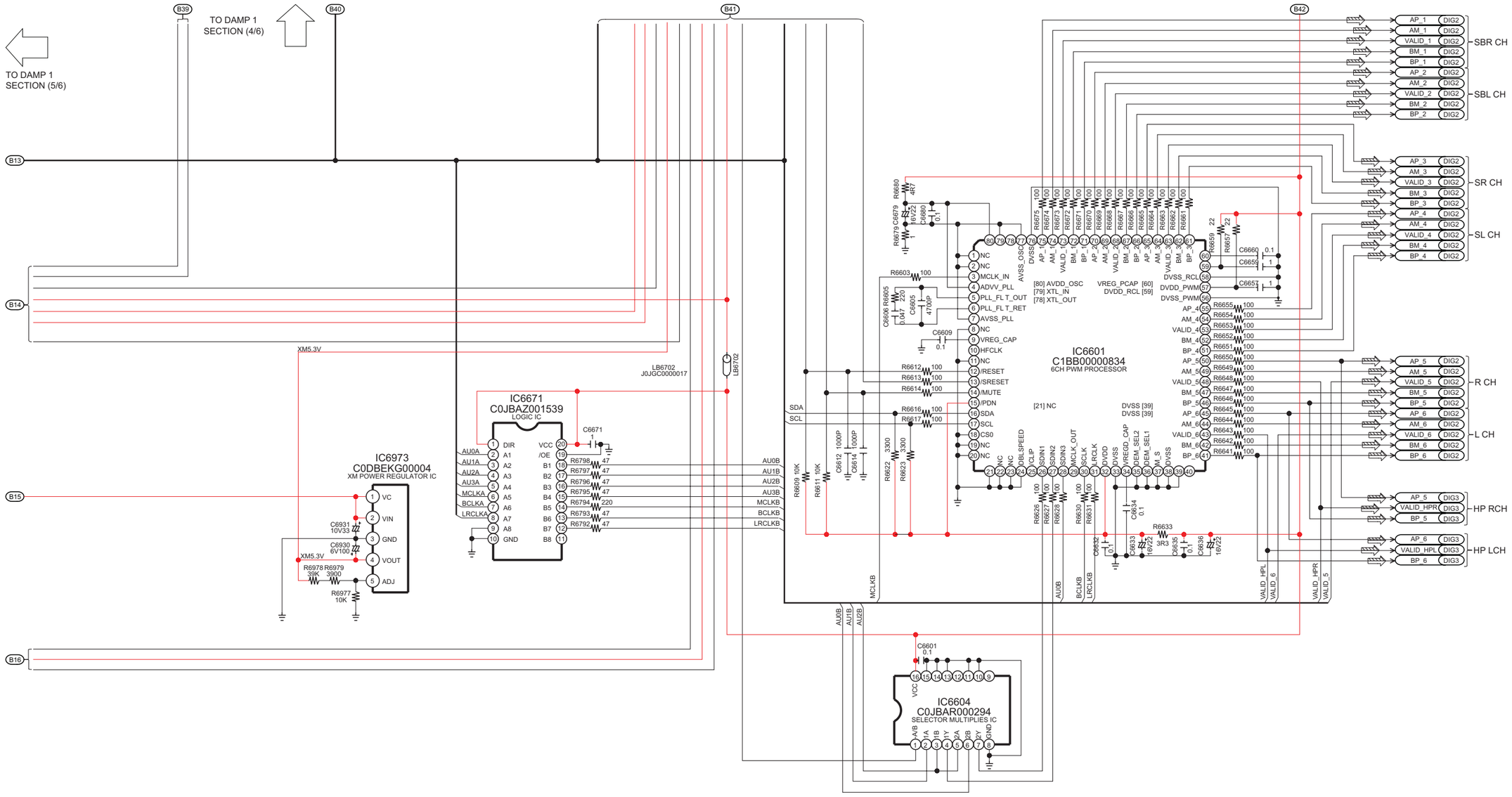
B MAIN (DIG1) CIRCUIT



SCHEMATIC DIAGRAM - 9

B MAIN (DIG1) CIRCUIT

——: + B SIGNAL LINE —— : - B SIGNAL LINE ⇒: MAIN SIGNAL LINE



SA-XR700PP (DIG1) MAIN CIRCUIT

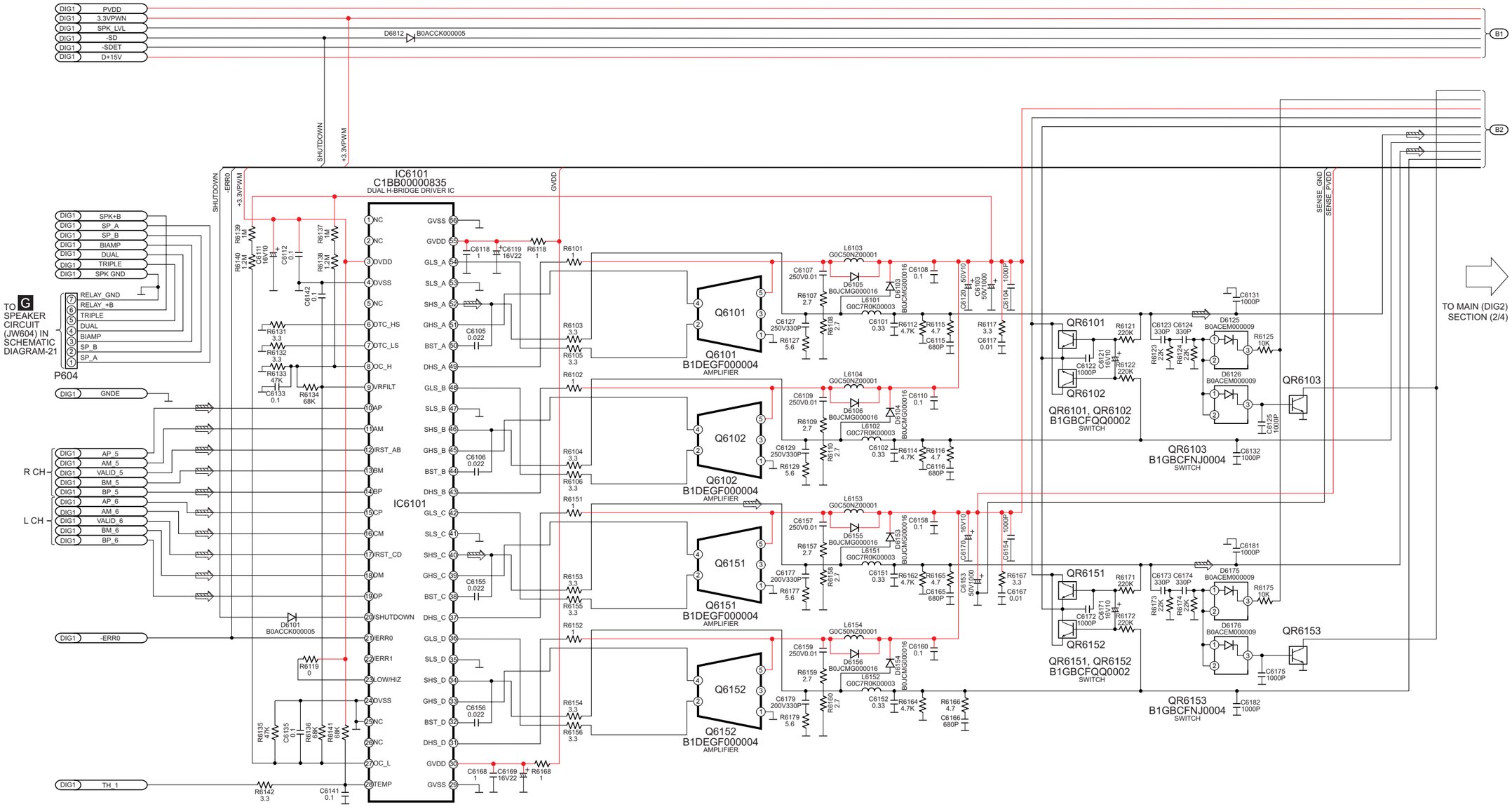
6/6

13.3. MAIN (DIG2) CIRCUIT

SCHEMATIC DIAGRAM - 10

B MAIN (DIG2) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

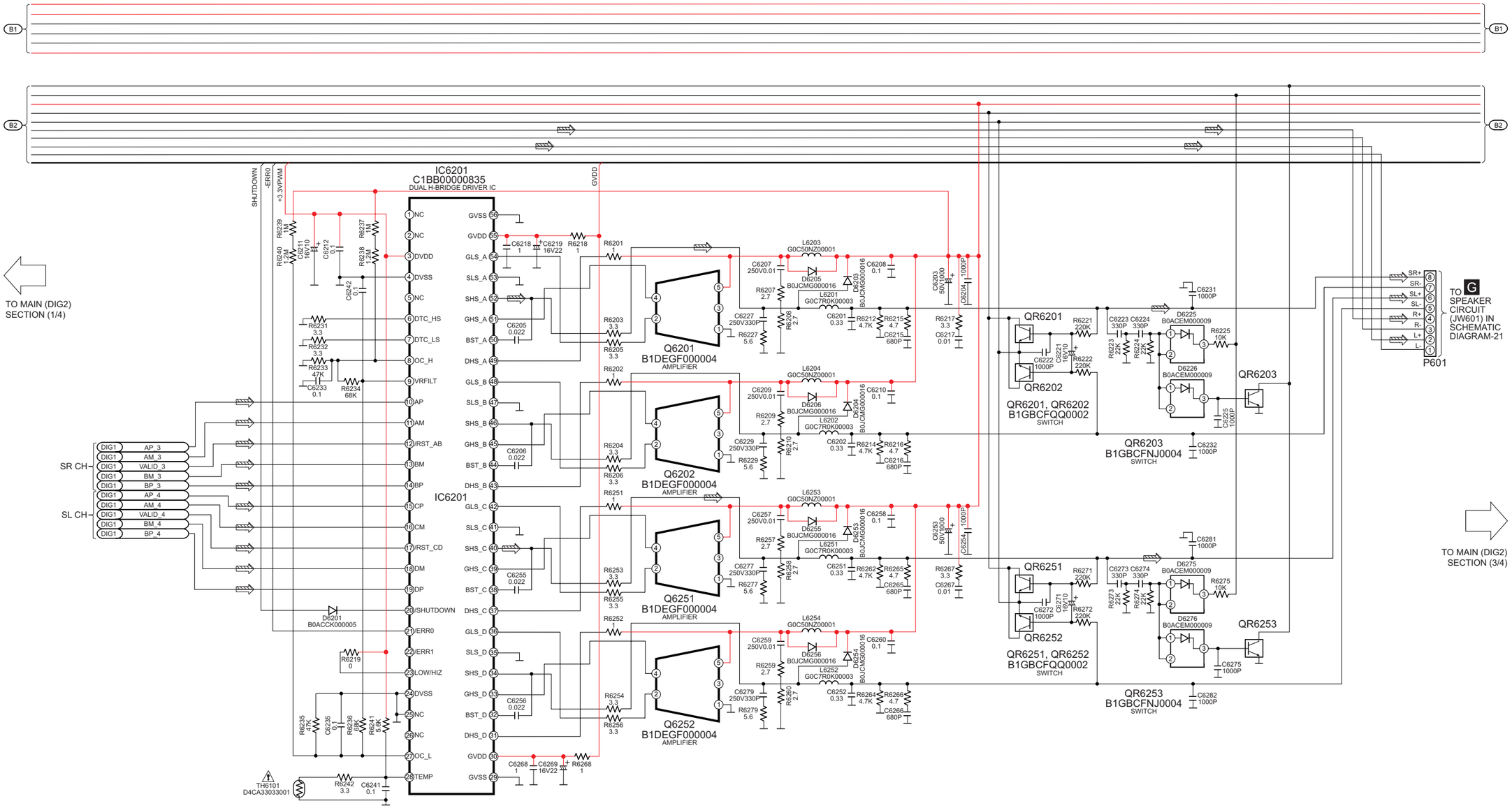


1/4 SA-XR700PP MAIN (DIG 2) CIRCUIT

SCHEMATIC DIAGRAM - 11

B MAIN (DIG2) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

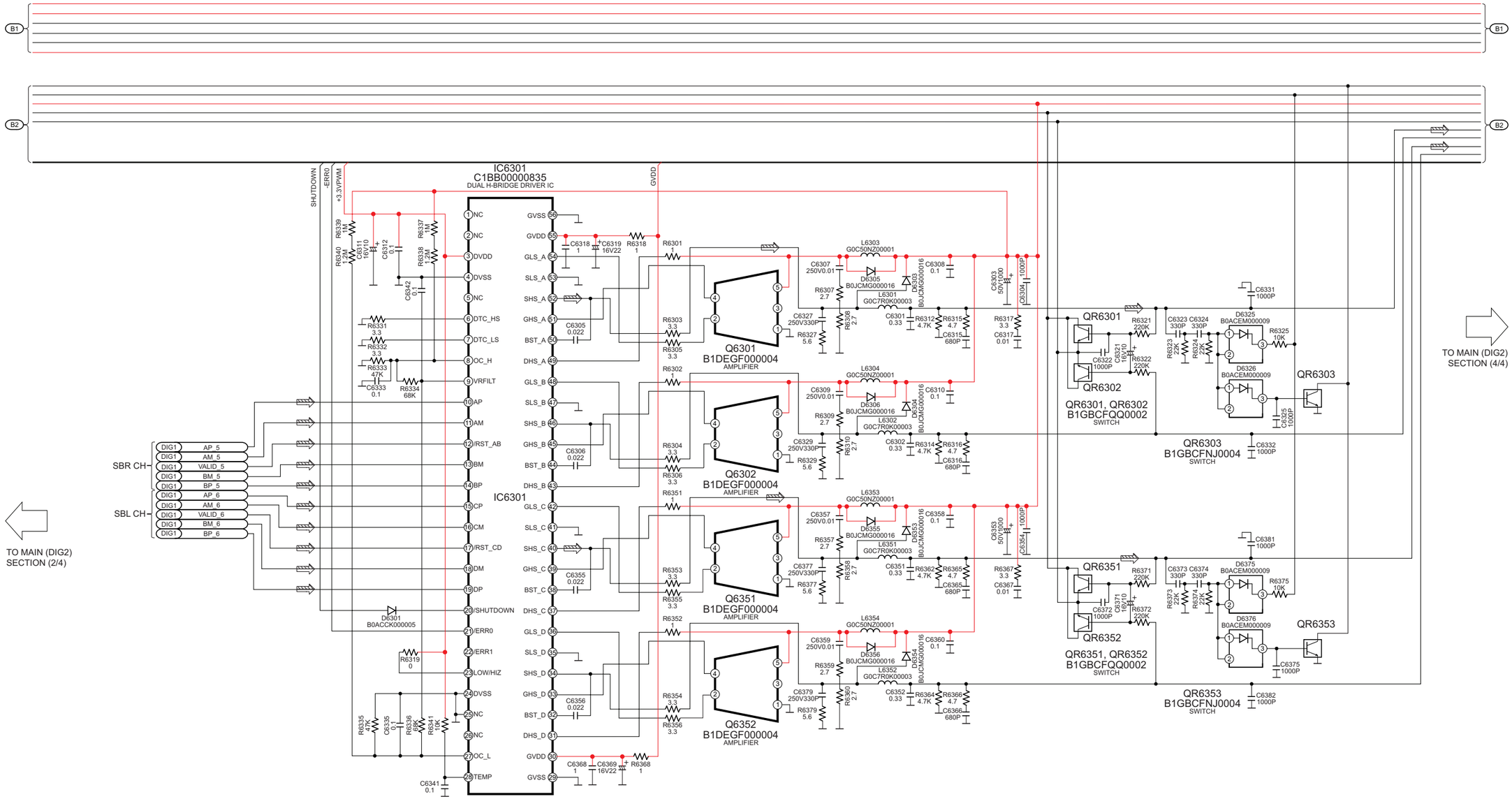


SA-XR700PP MAIN (DIG 2) CIRCUIT

SCHEMATIC DIAGRAM - 12

B MAIN (DIG2) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE



SA-XR700PP MAIN (DIG 2) CIRCUIT

SCHEMATIC DIAGRAM - 13

B MAIN (DIG2) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

TO MAIN (DIG2) SECTION (3/4)

IC6401 C1BB00000835 DUAL H-BRIDGE DRIVER IC

IC6001 C0DBEKG00004 REGULATOR

Q6812 B1ADCF000063 SWITCH

QR6813 B1GBCFJJ0007 SPEAKER LEVEL SWITCH

QR6491 B1GBCFJJ0048 SWITCH

Q6808, Q6814 B1ADCF000063 MUTING SWITCH

QR6805 B1GDCFJJ0008 SWITCH

QR6806 B1GBCFJJ0007 SWTICH

Q6807 B1ABCF000079 SWITCH

Q6810 B1CBGD000001 SWITCH

Q6809 B1ABCF000079 SWITCH

Q6451 B1DEGF000004 AMPLIFIER

Q6452 B1DEGF000004 AMPLIFIER

QR6451 QR6452 B1GBCFQQ0002 SWITCH

QR6453 B1GBCFNJ0004 SWITCH

TO K POWER CIRCUIT (JW606) IN SCHEMATIC DIAGRAM-24

TO G SPEAKER CIRCUIT (JW603) IN SCHEMATIC DIAGRAM-21

SA-XR700PP MAIN (DIG 2) CIRCUIT 4/4

13.4. MAIN (DIG3) CIRCUIT

SCHEMATIC DIAGRAM - 14

B MAIN (DIG3) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

DIG1 PVDD
DIG1 D-15V
DIG1 D+15V
DIG1 +3.3VPWN
DIG1 AF_MUTE
DIG1 GNDE
DIG1 GND

B1

TO MAIN (DIG3) SECTION (3/3)

R6591 3.3
C6591 50V2.2
C6569 0.1
R6557 3300
R6559 3300
R6561 3300
R6569 3300
R6571 3300
R6573 3300
R6575 3300
R6583 33K
R6587 33K
C6587 1
R6579 2.2K
C6583 100P
R6595 100K
C6595 56P

R6593 100
C6593 0.1
R6551 1K
Q6551 B1ABDB000035 AMPLIFIER
R6563 1K
Q6552 B1ABDB000035 AMPLIFIER
R6553 5600
C6553 22P
R6565 5600
C6565 22P
R6555 47
R6567 47

R6577 3300
R6585 33K
R6589 33K
C6589 1
R6581 2.2K
C6585 100P
R6997 0
C6581 0.1
IC6553 C0ABBB000216 DUAL OP-AMP
R6597 100K
C6579 1000P
C6597 56P
IC6553

C6571 16V10P
R6383 5.6K
R6901 1.2K
WL1_L
R6381 47K
R6385 1K
Q6555
R6386 1K
C6573 1000P
R6382 47K
Q6555 B1HBDCA00001 MUTING SWITCH
C6574 1000P
C6572 16V10P
R6384 5.6K
R6902 1.2K
WL1_R

WL_SR CH
WL_SL CH
DIG1 AP_11
DIG1 VALID_11
DIG1 BP_11
DIG1 AP_12
DIG1 VALID_12
DIG1 BP_12
DIG1 WL1_L
DIG1 WL1_R
AP_11
VALID_11
BP_11
AP_12
VALID_12
BP_12
WL1_L
WL1_R

IC6552 C0JBAA000244 QUAD OP-AMP
C6552 0.1

R6592 3.3
C6592 50V2.2
C6570 0.1
R6558 3300
R6560 3300
R6562 3300
R6570 3300
R6572 3300
R6574 3300
R6576 3300
R6584 33K
R6588 33K
C6588 1
R6580 2.2K
C6584 100P
R6596 100K
C6596 56P
C6580 1000P
C6598 56P
R6598 100K
C6582 0.1

R6594 100
C6594 0.1
R6552 1K
Q6553 B1ABDB000035 AMPLIFIER
R6564 1K
Q6554 B1ABDB000035 AMPLIFIER
R6554 5600
C6554 22P
R6566 5600
C6566 22P
R6556 47
R6568 47

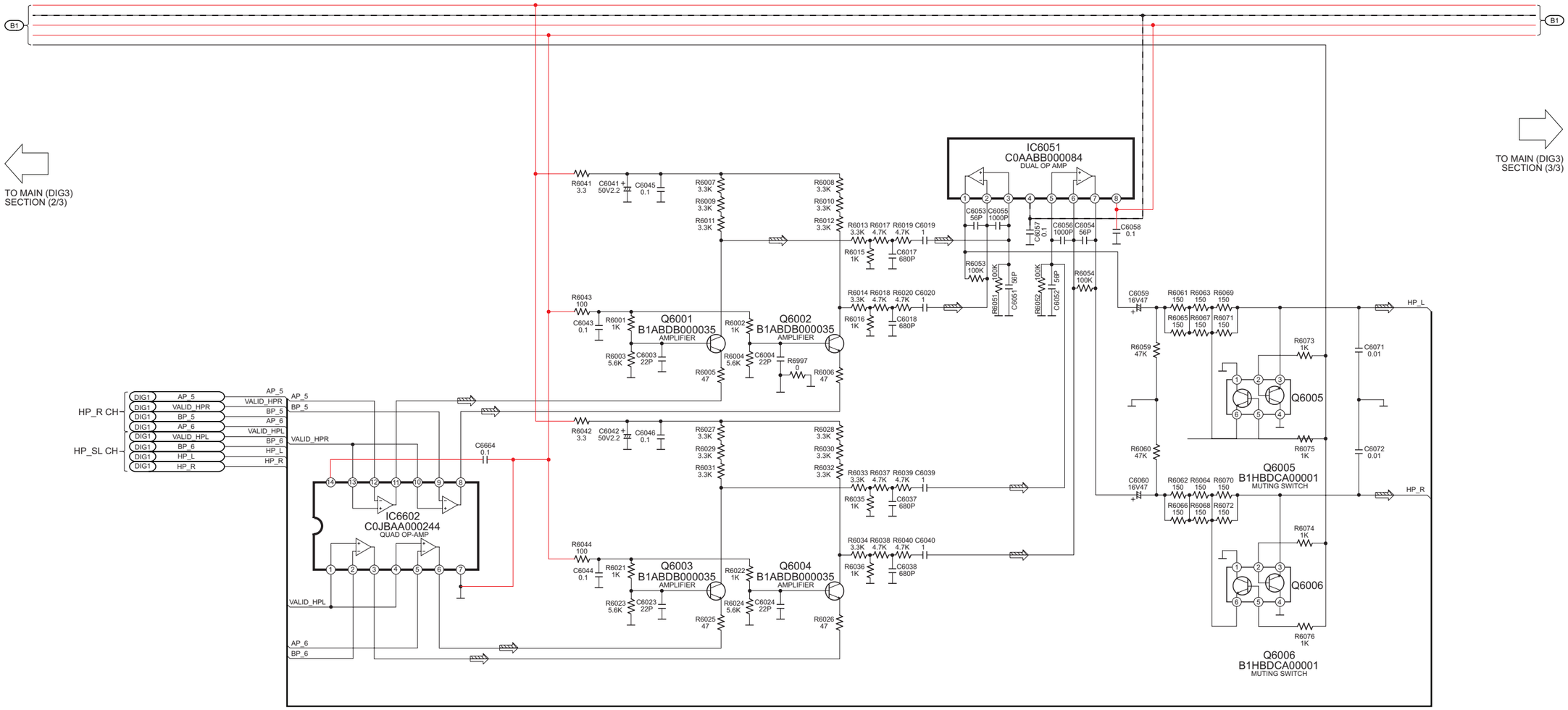
R6578 3300
R6586 33K
R6590 33K
C6590 1
R6582 2.2K
C6586 100P

1/3 SA-XR700PP MAIN (DIG3) CIRCUIT

SCHEMATIC DIAGRAM - 15

B MAIN (DIG3) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE



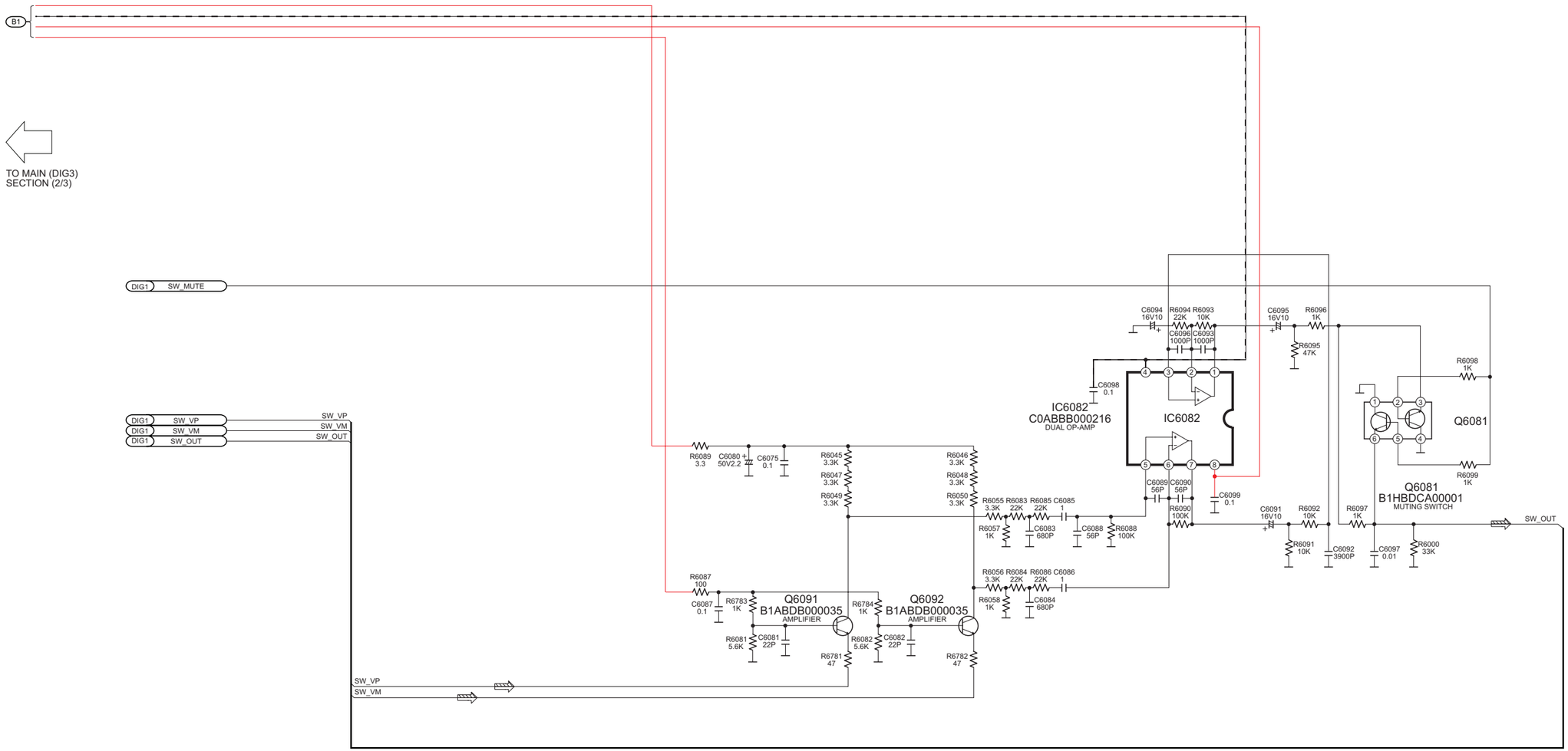
2/3 SA-XR700PP MAIN (DIG3) CIRCUIT

14 15 16 17 18 19 20 21 22 23 24 25 26

SCHEMATIC DIAGRAM - 16

B MAIN (DIG3) CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE



SA-XR700PP MAIN (DIG3) CIRCUIT 3/3

13.5. INPUT CIRCUIT

SCHEMATIC DIAGRAM - 17

C INPUT CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE : AM/FM SIGNAL LINE

TO D TUNER EXTENT CIRCUIT (JWB101) IN SCHEMATIC DIAGRAM-22

JWA101: SEL_CLK, TUN_ST, SEL_DATA, TUNER_L, TUN_CE, TUNER_R, DET, +7V, TUN_SD, +14V, AGND

R103 2.2K

Q101, Q102 2SD0592AWA VOLTAGE REGULATOR

Q101: R101 47K, R102 47K, C101 0.01, R104 3.9K, C102 16V47, R105 3.9K

Q102: R107 56, R108 56, R106 3.3K, C103 16V47

IC151 C0JBAS000008 ANALOG SWITCH IC

C154 0.1

C151 16V10, C152 16V10, C153 0.1

D151 MAZB0510ML, D152 MAZB0510ML

R151 1.8K, R152 1.8K, R153 47K

QR152 B1GDCFJJ0008 SWITCH

QR151, QR153 B1GBCFJJ0002 SWITCH

TO F XM READY CIRCUIT (FP3) IN SCHEMATIC DIAGRAM-20

JWA151: XM_R, XM_GND, XM_L, AGND

JK405 TV/STB IN: C442 100P, C441 100P, R422 1K, R421 1K, C444 100P, C443 100P → TV/STB_L

JK404 VCR IN: C438 100P, C437 100P, R420 1K, R419 1K, C440 100P, C439 100P → VCR_L

JK404 DVR IN: C434 100P, C433 100P, R418 1K, R417 1K, C436 100P, C435 100P → DVR_L

JK403 DVD L/R IN: C426 100P, C425 100P, R414 1K, R413 1K, C428 100P, C427 100P → DVD_L

JK403 DVD IN SL/SR: C422 100P, C421 100P, R412 1K, R411 1K, C424 100P, C423 100P → DVD_SR, DVD_SL

JK402 DVD IN C/SW: C418 100P, C417 100P, R410 1K, R409 1K, C420 100P, C419 100P → DVD_SW, DVD_C

JK402 CD IN: C402 100P, C401 100P, R402 1K, R401 1K, C404 100P, C403 100P → CD_L

JK407 SUBWOOFER OUT: C445 330P, R423 1K, R424 1K → SW_OUT, SW_DET

IC402 C0JZAS000004 SELECTOR IC

IC402: VEE, VDD, S1–S8, C1–C3, NC, ST, VSS, NC, DATA, CK

R429 1K, R428 1K, C451 0.1, C450 0.1, C453 16V47, C452 16V47

R432 10K, C456 100P, R431 10K, C454 100P, R430 10K, C455 100P

MIC_OUT, AUXIN_R, SEL_STB, SEL_CLK, SEL_DATA, AUXIN_L

CD_L, DVD_L, DVR_L, VCR_L, TV/STB_L, DVD_SL, XM_SEL, +15V, -15V

DVD_SW: R502 1K, C504 25V10, C502 100P, R504 100K, R506 47K

DVD_C: R501 1K, C503 25V10, C501 100P, R503 100K, R507 47K

DVD_SR: R522 1K, C518 25V10, C516 100P, R524 100K, R526 47K

IC501 C0ABBB000171 DUAL OP-AMP

IC504 C0ABBB000171 DUAL OP-AMP

IC507 C0ABBB000171 DUAL OP-AMP

R508 3300, C506 0.1, R509 3300, C505 0.1

R528 3300, C520 0.1, C558 16V47, R529 3300, C519 0.1, C557 16V47

R523 1K, C560 100P, R525 100K, R527 47K, C517 25V10

R543 1K, C533 25V10, C531 100P, R545 100K, R547 47K

R542 1K, C532 100P, R544 100K, R546 47K, C534 25V10

R549 3300, C535 0.1, R548 3300, C536 0.1

TO INPUT SECTION (2/2)

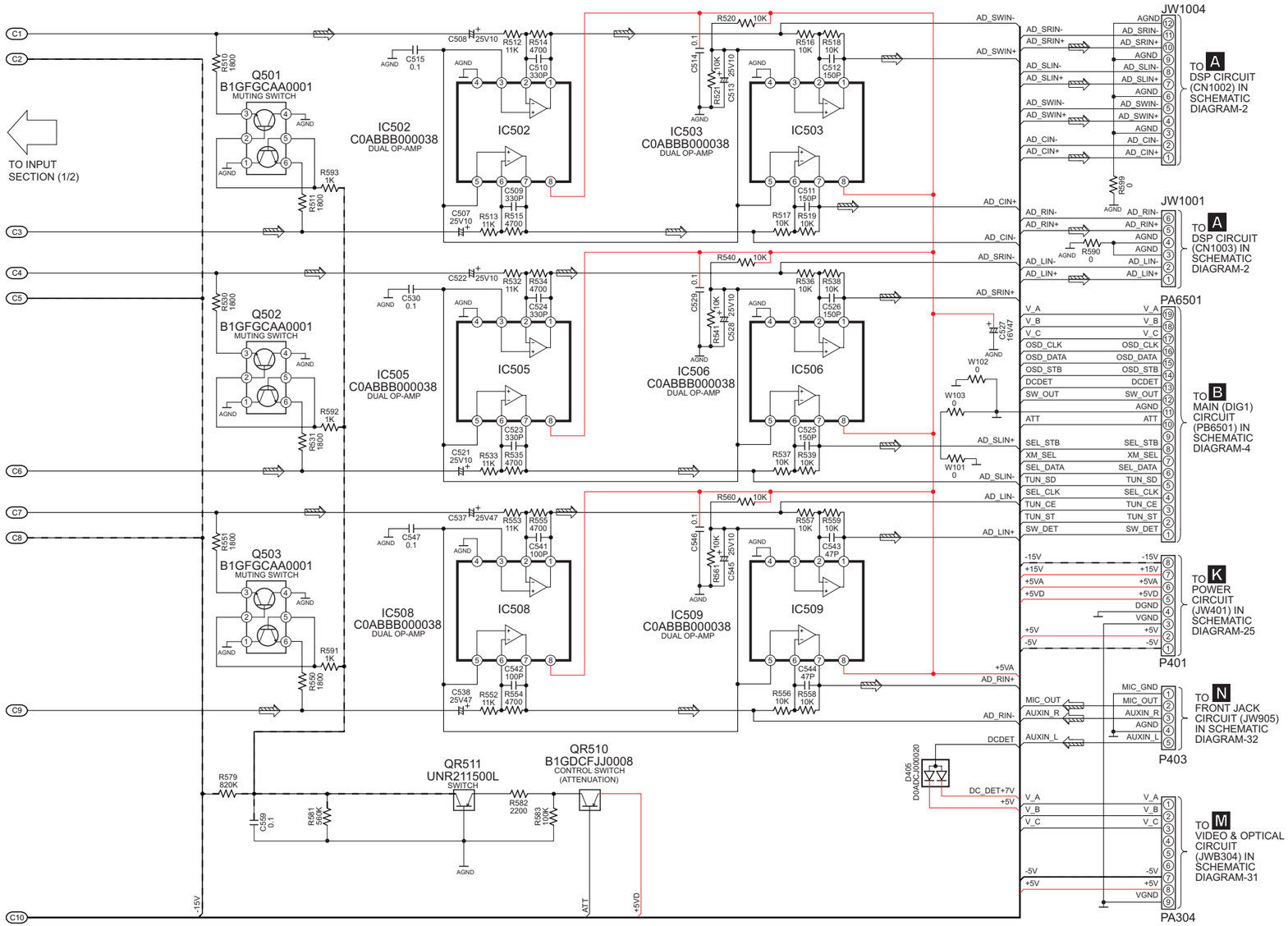
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10

1/2 SA-XR700PP INPUT CIRCUIT

SCHEMATIC DIAGRAM - 18

C INPUT CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE



SA-XR700PP INPUT CIRCUIT 2/2

13.6. PANEL CIRCUIT

SCHEMATIC DIAGRAM - 19

E PANEL CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

FL901
A2BB00000156
FL DISPLAY

IC901
C0HBB0000044
FL DRIVER

IR901
B3RAB0000041
REMOTE SENSOR

QR902,QR904
B1GACFGG0004
SWITCH

QR901,QR903
B1GCCFJJ0008
SWITCH

QR907 - QR910, QR913, QR914
B1GBCFJN0004
SWITCH

QR911, QR915
B1GBCFJN0004
SWITCH

Q918
B1GFGCAA0001
SWITCH

QR920
B1GCCFJJ0008
SWITCH

QR921
B1GBCFJJ0002
SWITCH

TO K POWER CIRCUIT (P903) IN SCHEMATIC DIAGRAM-25

JW903

TO B MAIN (DIG1) CIRCUIT (PB951) IN SCHEMATIC DIAGRAM-4

PA951

TO H HEADPHONE CIRCUIT (JWB901) IN SCHEMATIC DIAGRAM-22

JWA901

TO I VOLUME CIRCUIT (JWB902) IN SCHEMATIC DIAGRAM-22

JWA902

TO J SELECTOR CIRCUIT (JWB906) IN SCHEMATIC DIAGRAM-22

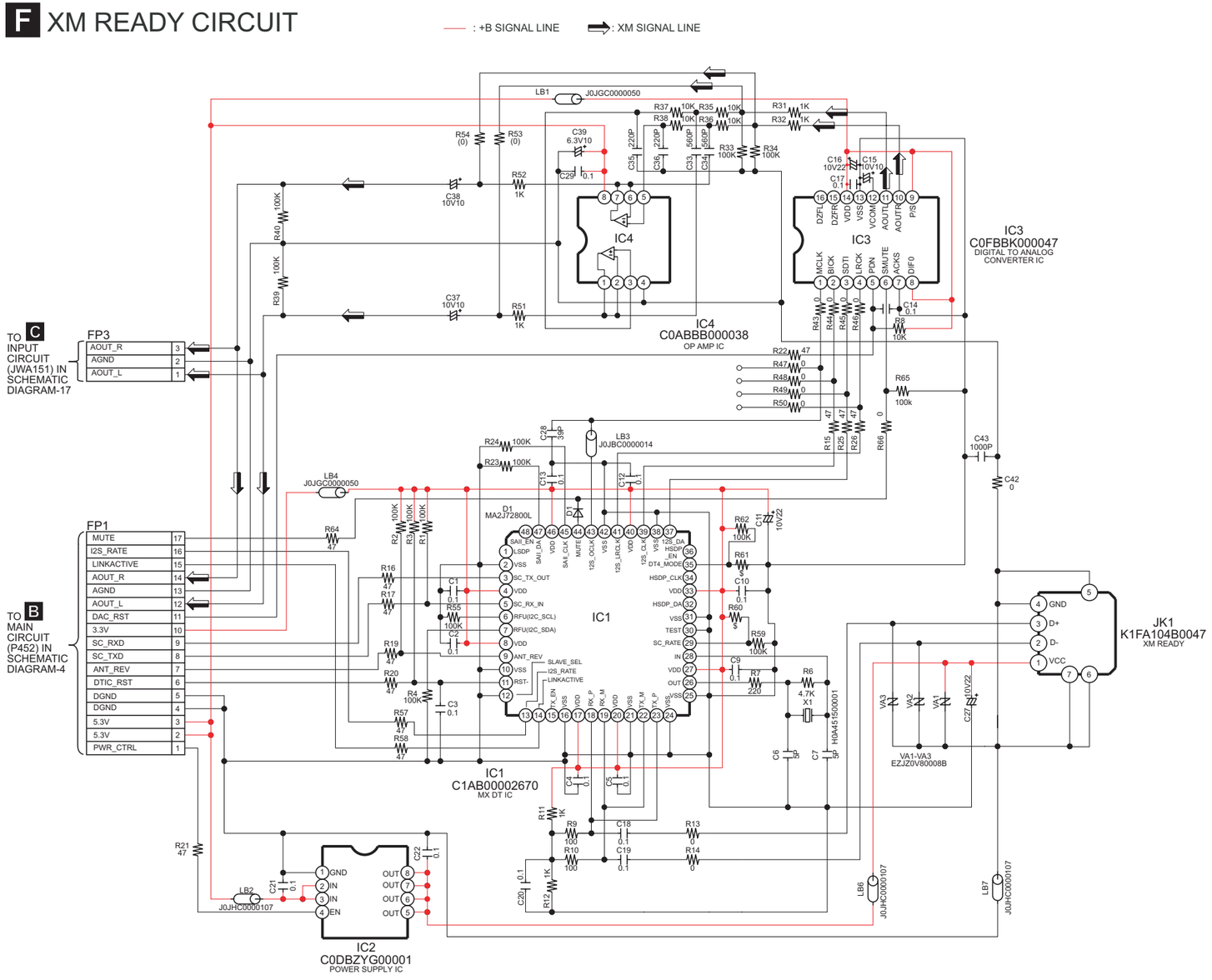
P906

SA-XR700PP PANEL CIRCUIT

13.7. XM READY CIRCUIT

SCHEMATIC DIAGRAM - 20

F XM READY CIRCUIT



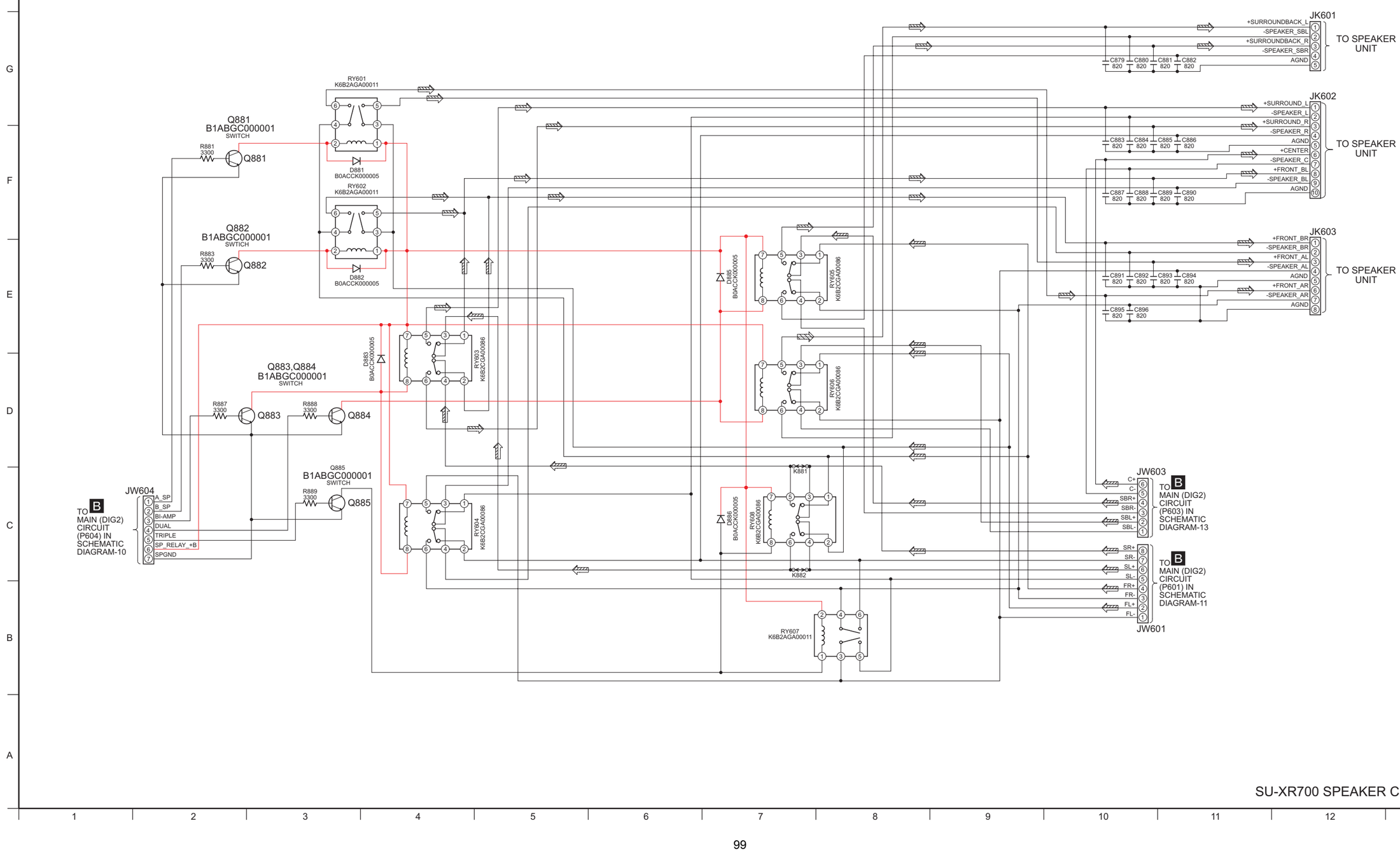
SA-XR700PP XM READY CIRCUIT

13.8. SPEAKER CIRCUIT

SCHEMATIC DIAGRAM - 21

G SPEAKER CIRCUIT

: +B SIGNAL LINE : MAIN SIGNAL LINE



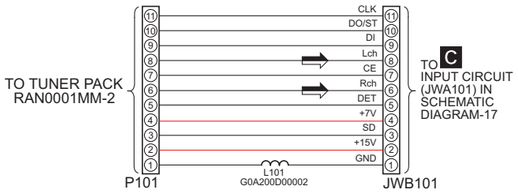
SU-XR700 SPEAKER CIRCUIT

13.9. TUNER EXTENT CIRCUIT, HEADPHONE CIRCUIT, VOLUME CIRCUIT and SELECTOR CIRCUIT

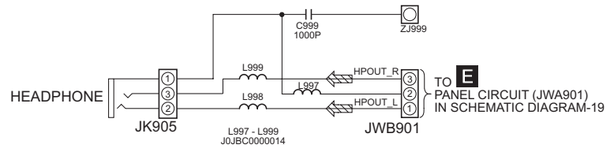
SCHEMATIC DIAGRAM - 22

D TUNER EXTENT CIRCUIT

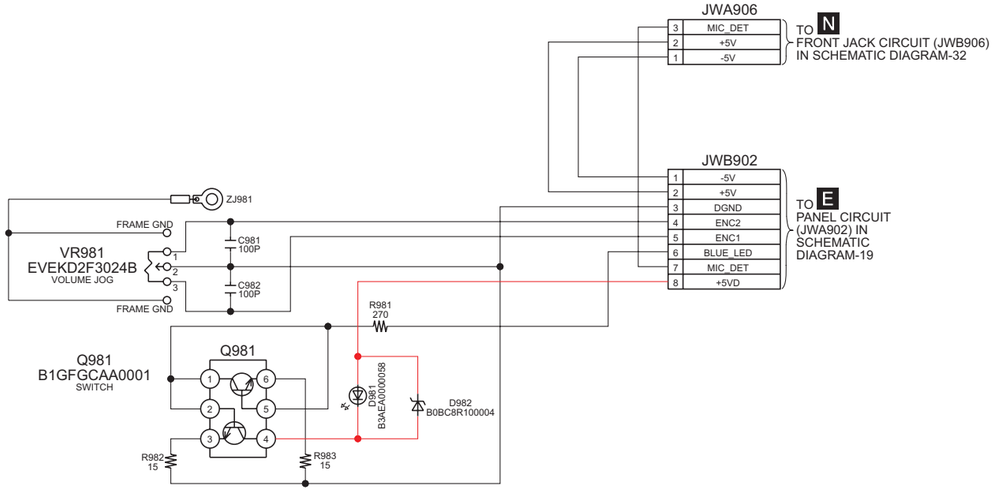
: + B SIGNAL LINE
: - B SIGNAL LINE
: FM/AM SIGNAL LINE
: MAIN SIGNAL LINE



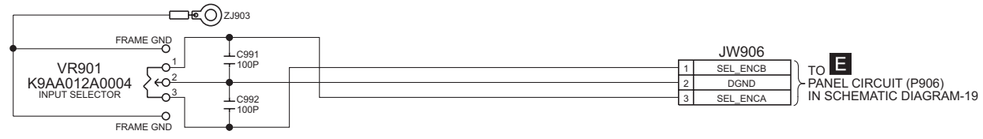
H HEADPHONE CIRCUIT



I VOLUME CIRCUIT



J SELECTOR CIRCUIT



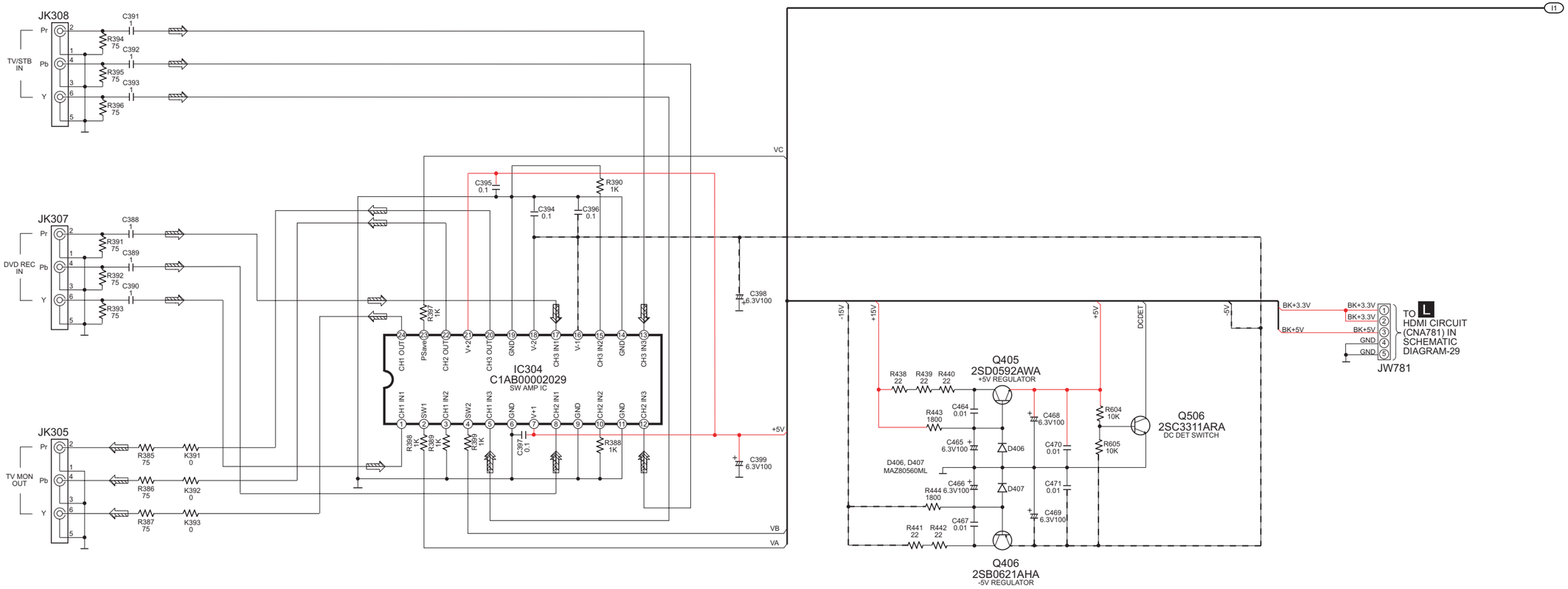
SU-XR700 HEADPHONE, VOLUME, SELECTOR CIRCUIT

13.10. POWER CIRCUIT

SCHEMATIC DIAGRAM - 23

K POWER CIRCUIT

: -B SIGNAL LINE : +B SIGNAL LINE : MAIN SIGNAL LINE



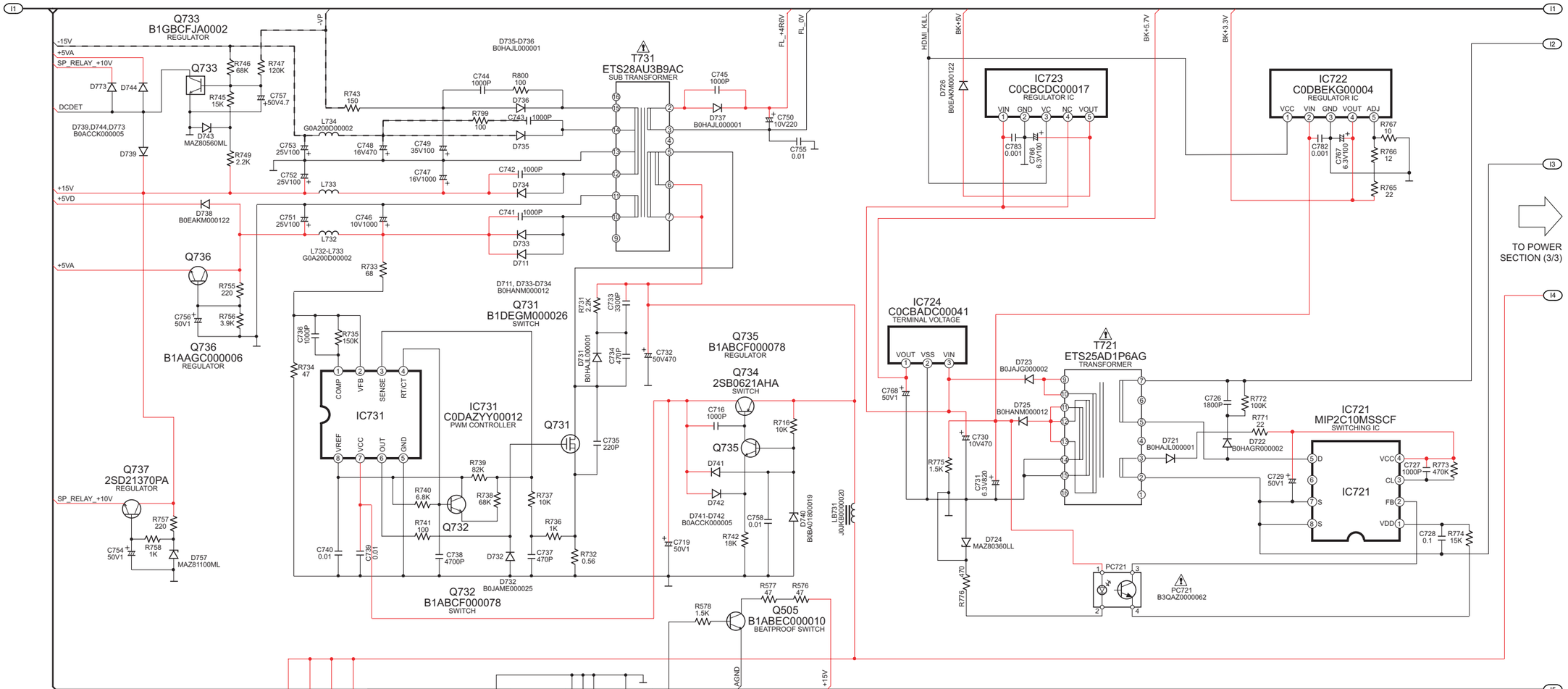
TO POWER SECTION (2/3)

1/3 SA-XR700PP POWER CIRCUIT

SCHEMATIC DIAGRAM - 24

K POWER CIRCUIT

: -B SIGNAL LINE : +B SIGNAL LINE

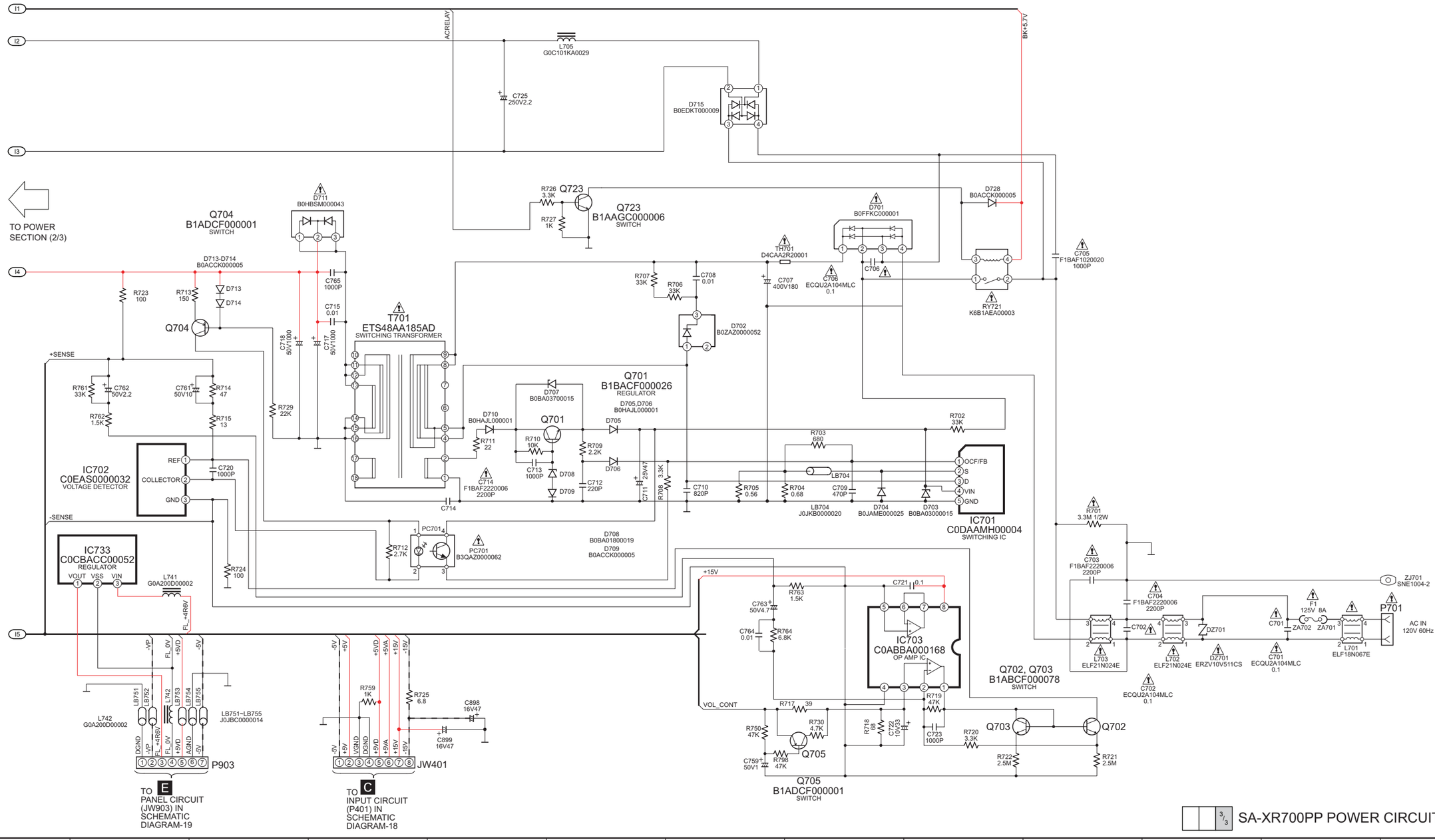


SA-XR700PP POWER CIRCUIT 2/3

SCHEMATIC DIAGRAM - 25

K POWER CIRCUIT

—— : -B SIGNAL LINE —— : +B SIGNAL LINE



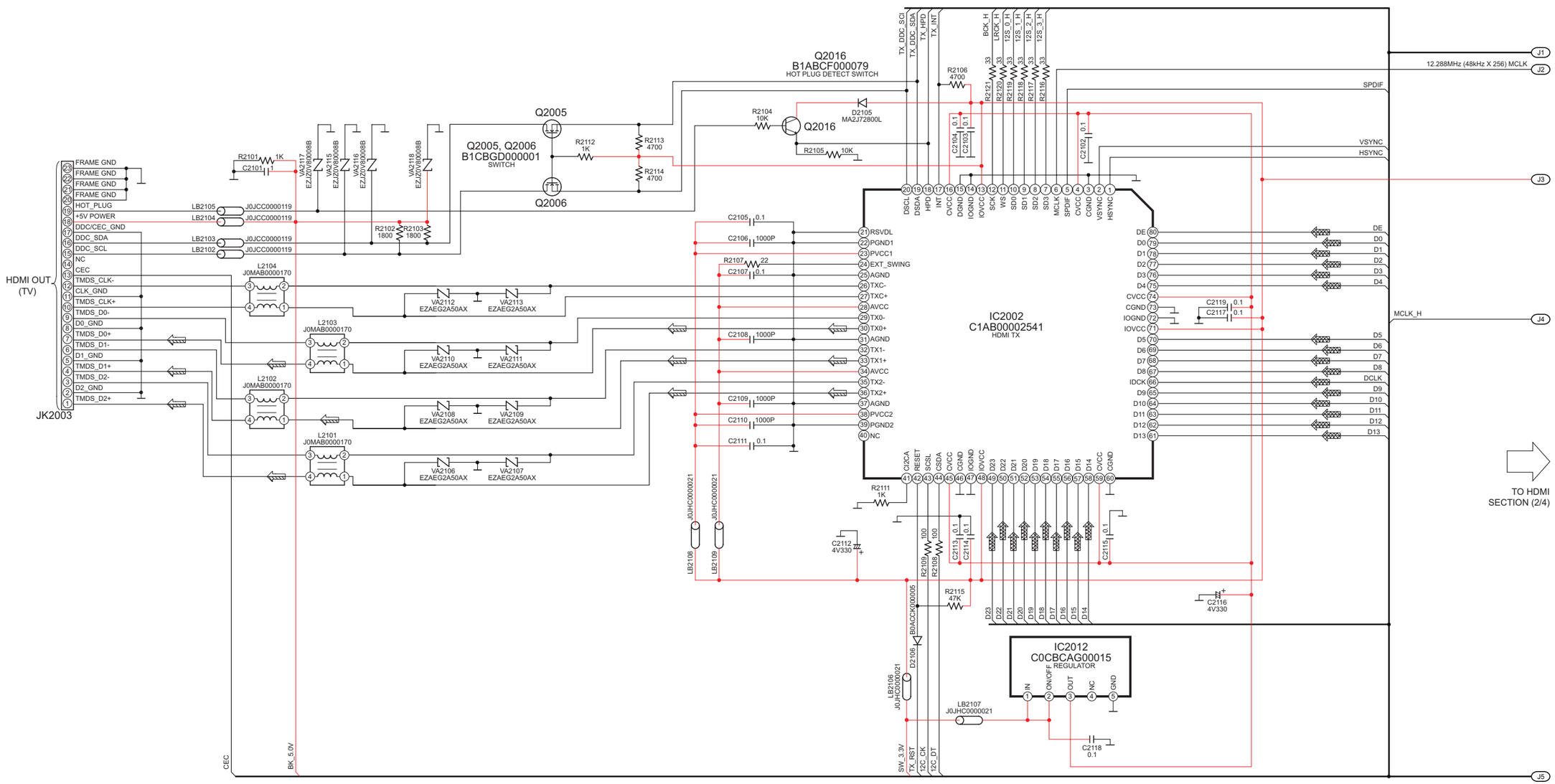
SA-XR700PP POWER CIRCUIT 3/3

13.11. HDMI CIRCUIT

SCHEMATIC DIAGRAM - 26

L HDMI CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN LINE : DVD AUDIO SIGNAL LINE

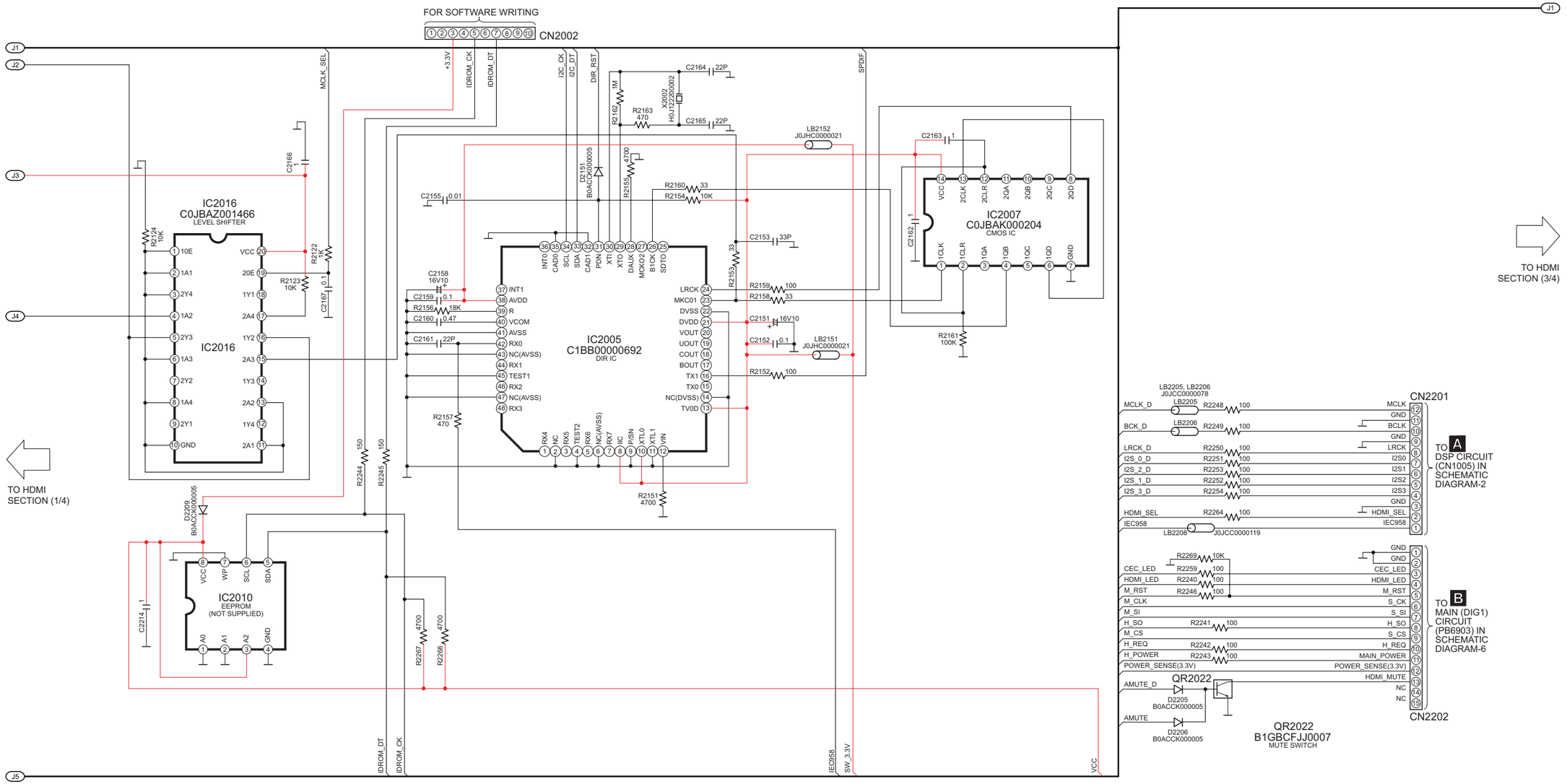


1/4 SA-XR700PP HDMI CIRCUIT

SCHEMATIC DIAGRAM - 27

L HDMI CIRCUIT

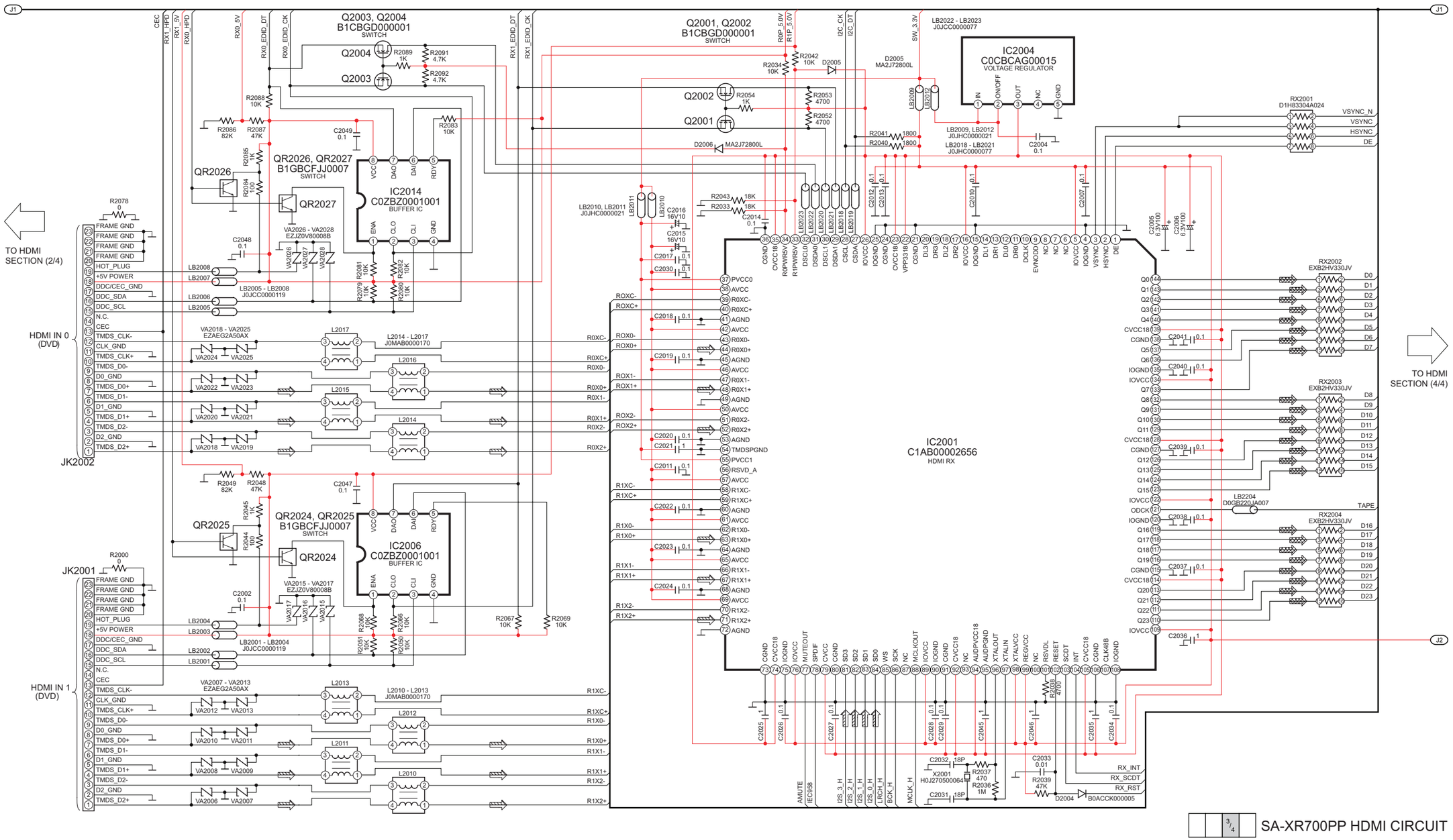
: + B SIGNAL LINE : - B SIGNAL LINE : MAIN LINE



SCHEMATIC DIAGRAM - 28

L HDMI CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE : MAIN LINE : DVD AUDIO SIGNAL LINE



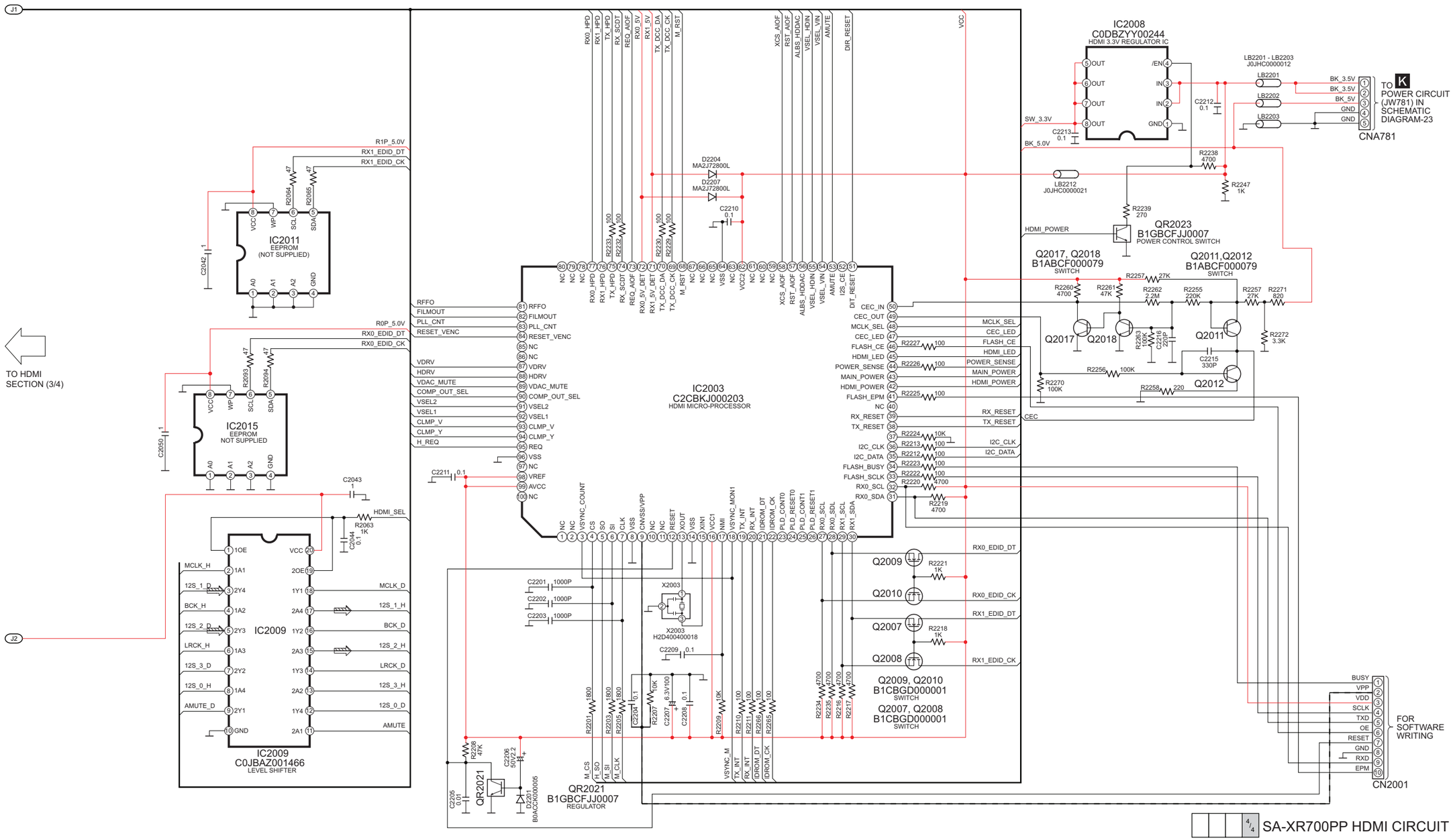
3/4 SA-XR700PP HDMI CIRCUIT

27 28 29 30 31 32 33 34 35 36 37 38 39

SCHEMATIC DIAGRAM - 29

L HDMI CIRCUIT

: + B SIGNAL LINE : - B SIGNAL LINE : MAIN SIGNAL LINE

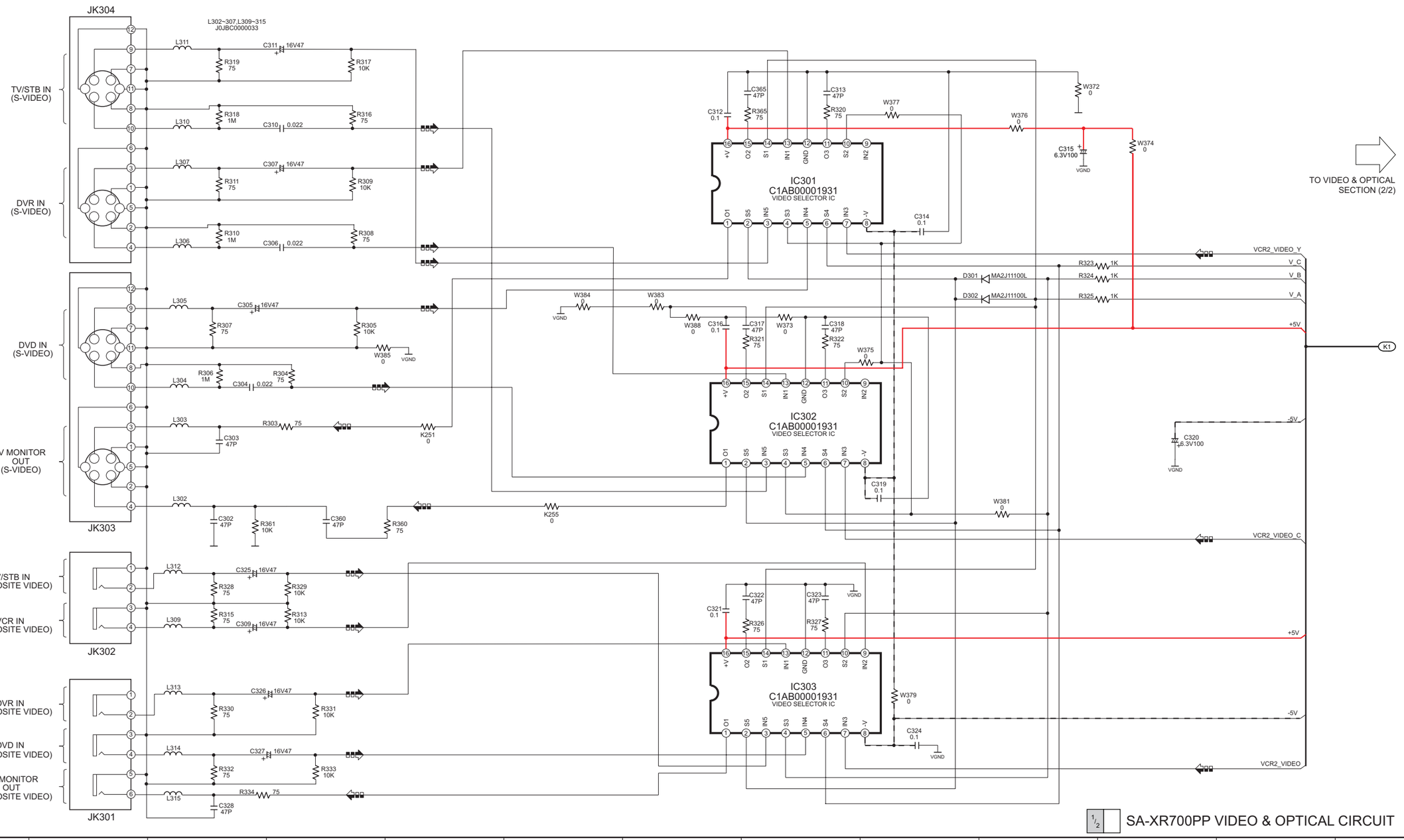


13.12. VIDEO & OPTICAL CIRCUIT

SCHEMATIC DIAGRAM - 30

M VIDEO & OPTICAL CIRCUIT

:+B SIGNAL LINE : -B SIGNAL LINE : VIDEO SIGNAL LINE

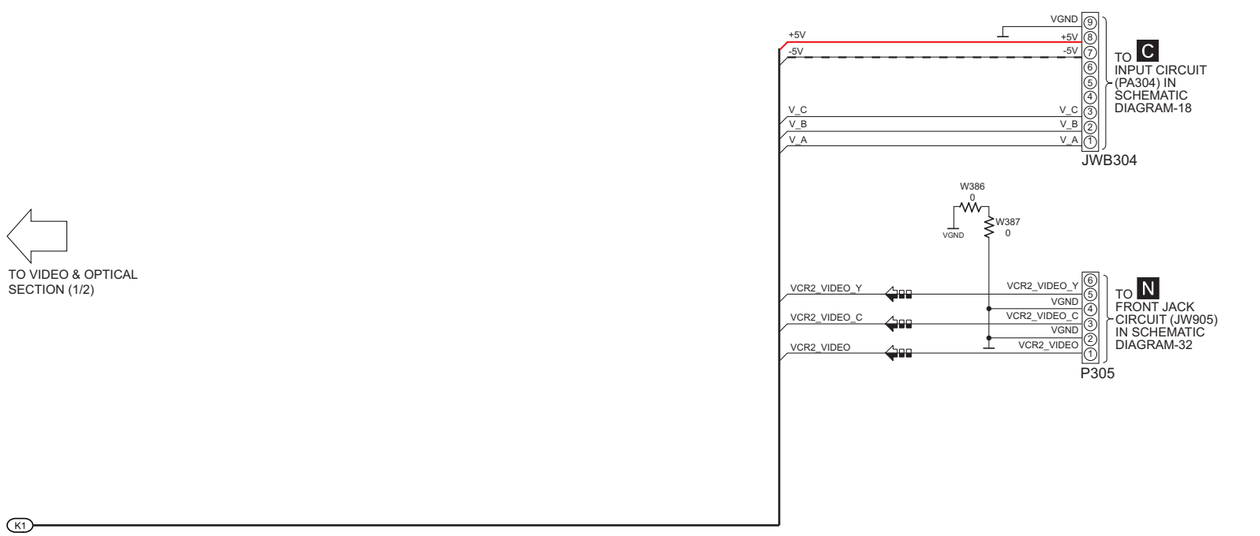


1/2 SA-XR700PP VIDEO & OPTICAL CIRCUIT

SCHEMATIC DIAGRAM - 31

M VIDEO & OPTICAL CIRCUIT

:+B SIGNAL LINE : -B SIGNAL LINE : MAIN SIGNAL LINE : VIDEO SIGNAL LINE



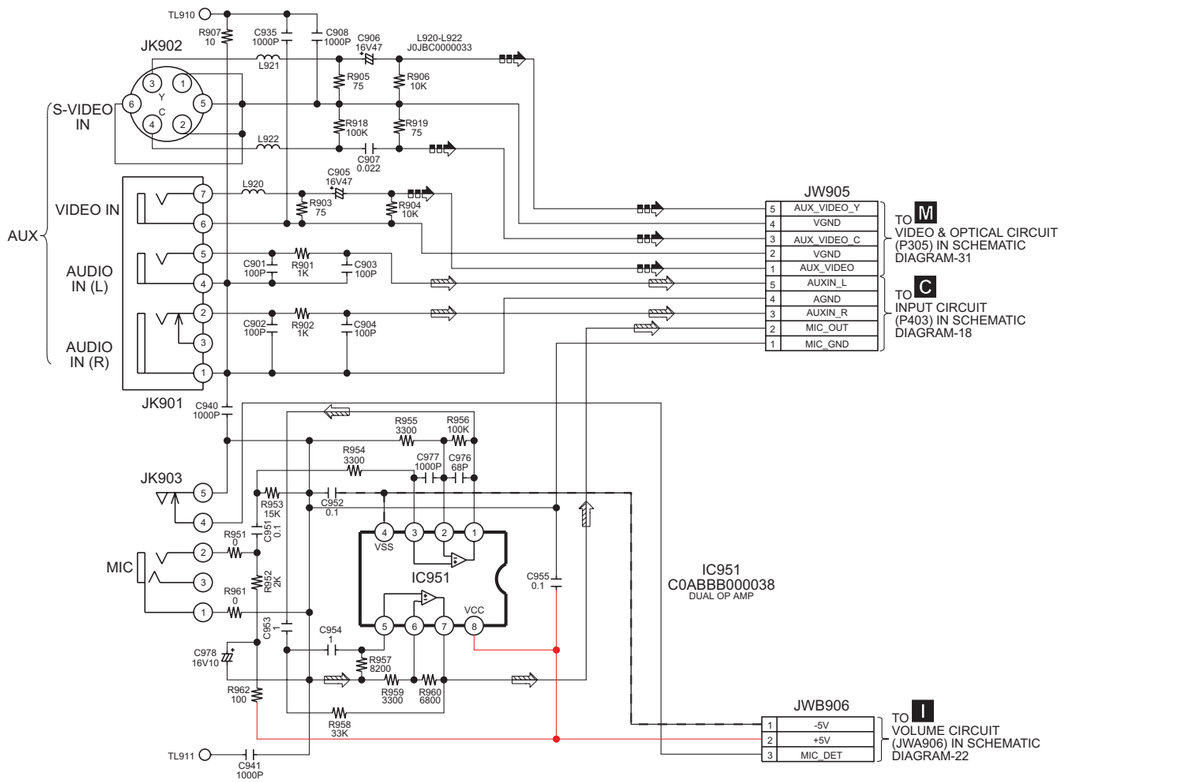
2/2 SA-XR700PP VIDEO & OPTICAL CIRCUIT

13.13. FRONT JACK CIRCUIT

SCHEMATIC DIAGRAM - 32

N FRONT JACK CIRCUIT

: +B SIGNAL LINE : -B SIGNAL LINE : MAIN SIGNAL LINE : VIDEO SIGNAL LINE

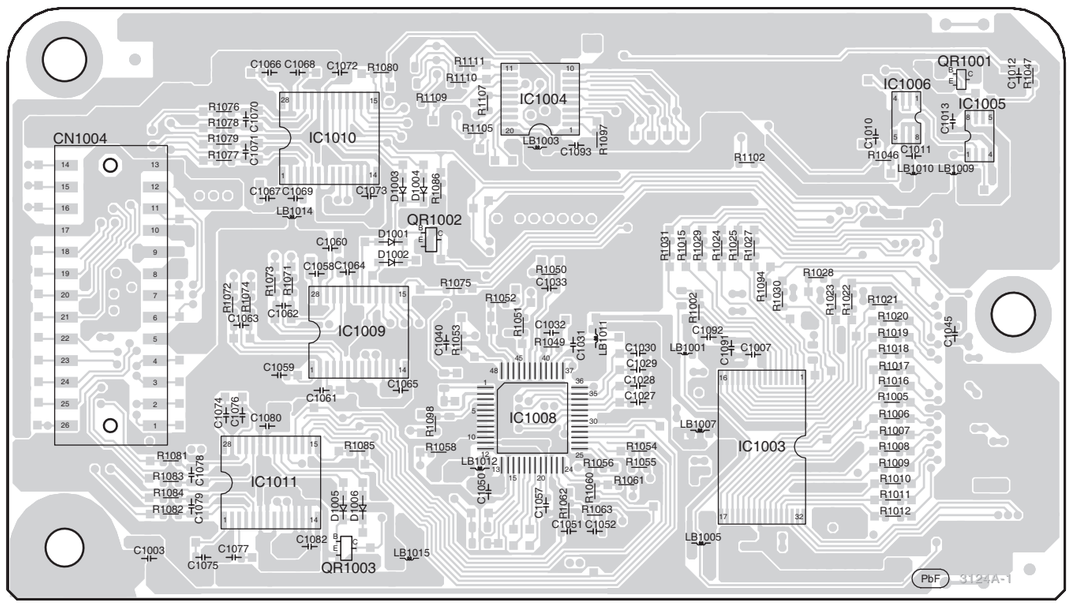


SA-XR700PP FRONT JACK CIRCUIT

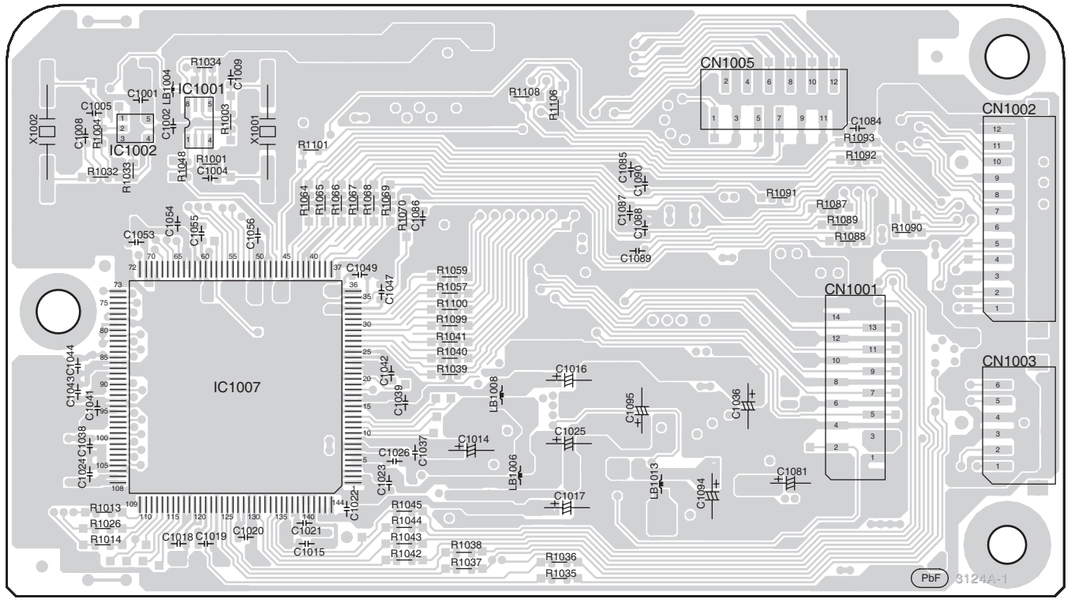
14 Printed Circuit Board Diagrams

14.1. DSP P.C.B and XM READY P.C.B

A DSP P.C.B (REP4028A-T)

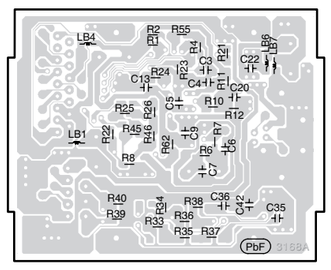


(SIDE A)

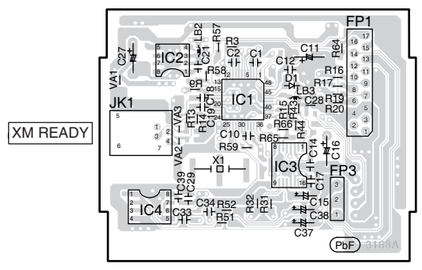


(SIDE B)

F XM READY P.C.B (REP4165A)



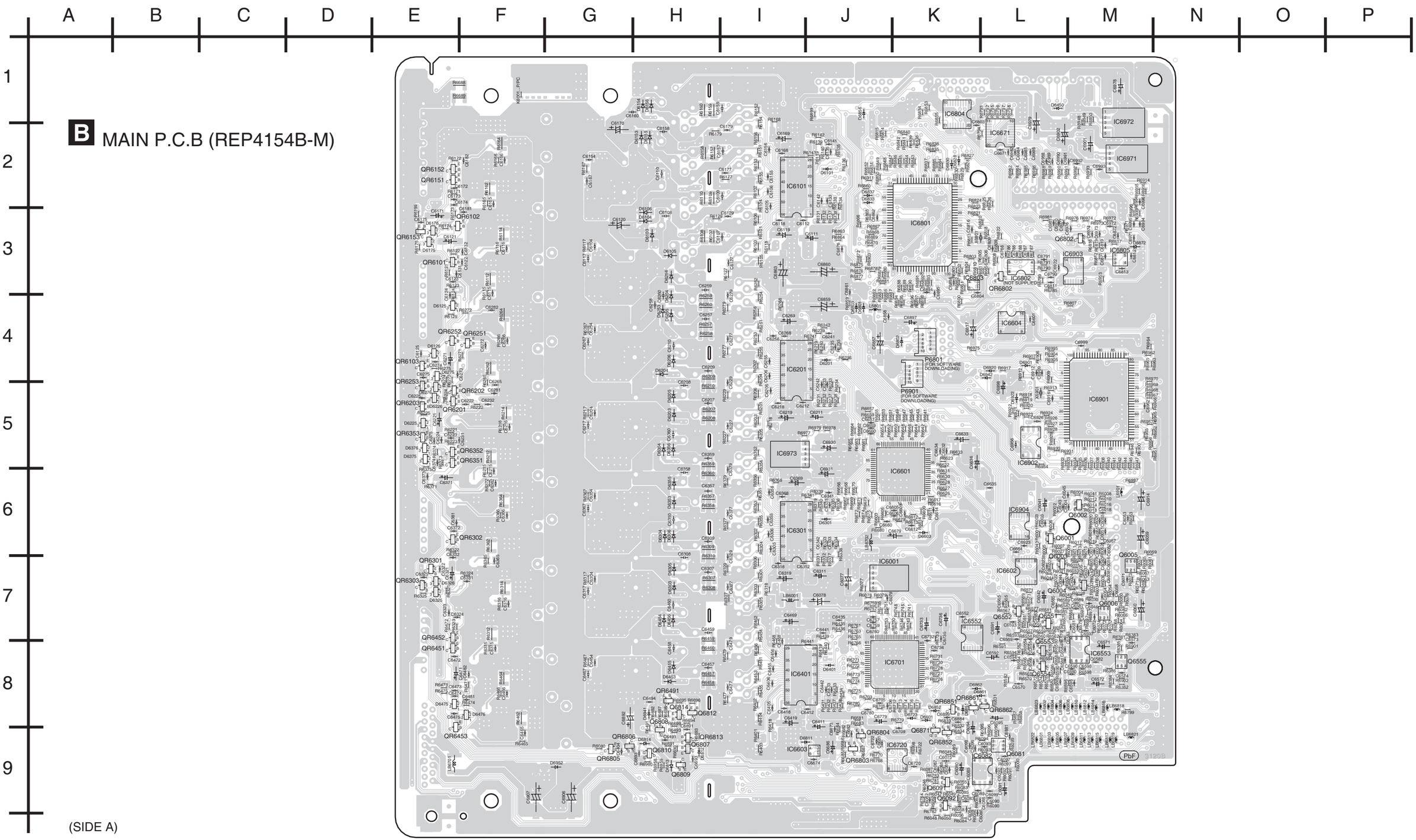
(SIDE A)



(SIDE B)

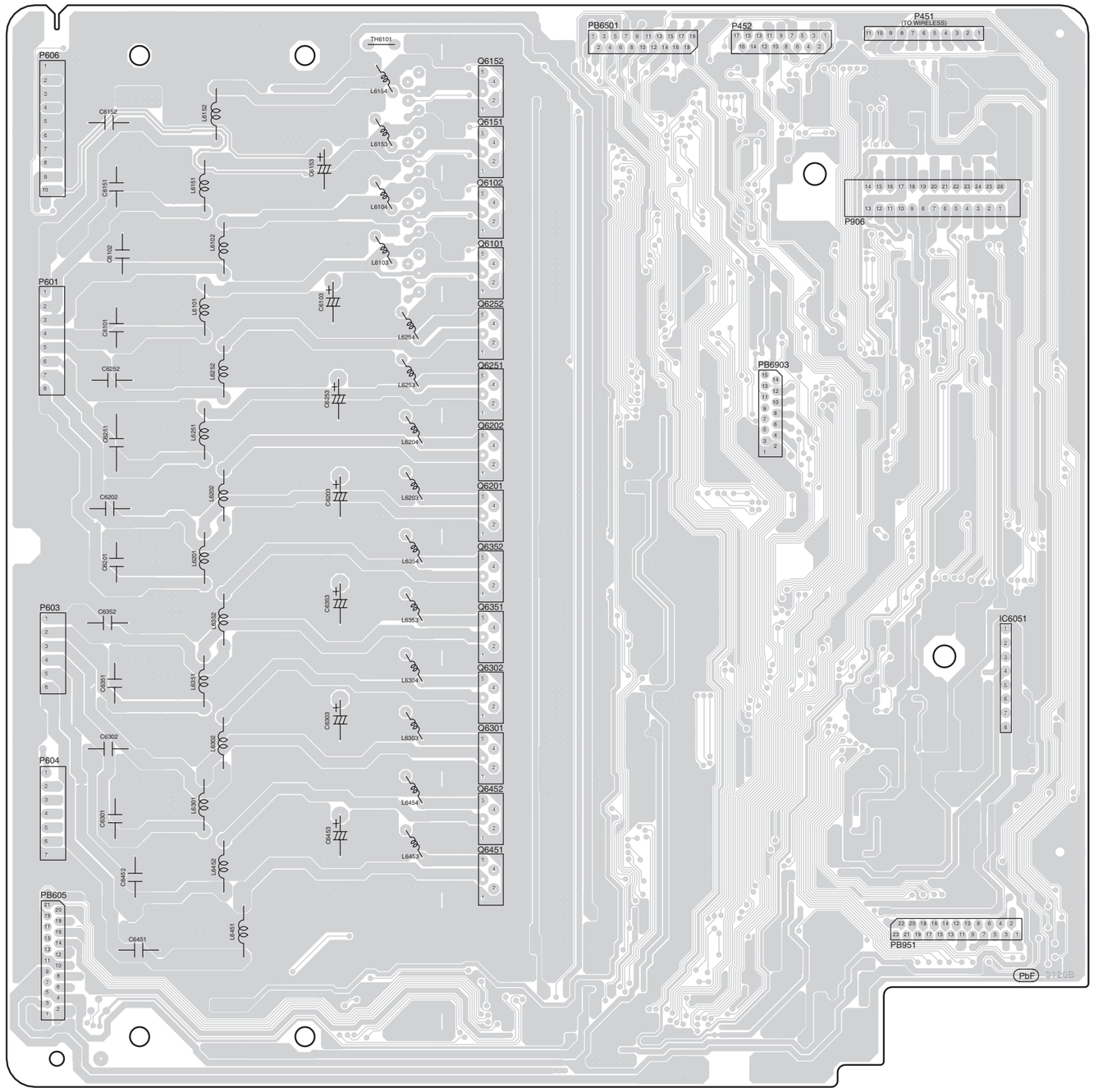
14.2. MAIN P.C.B

B MAIN P.C.B (REP4154B-M)



(SIDE A)

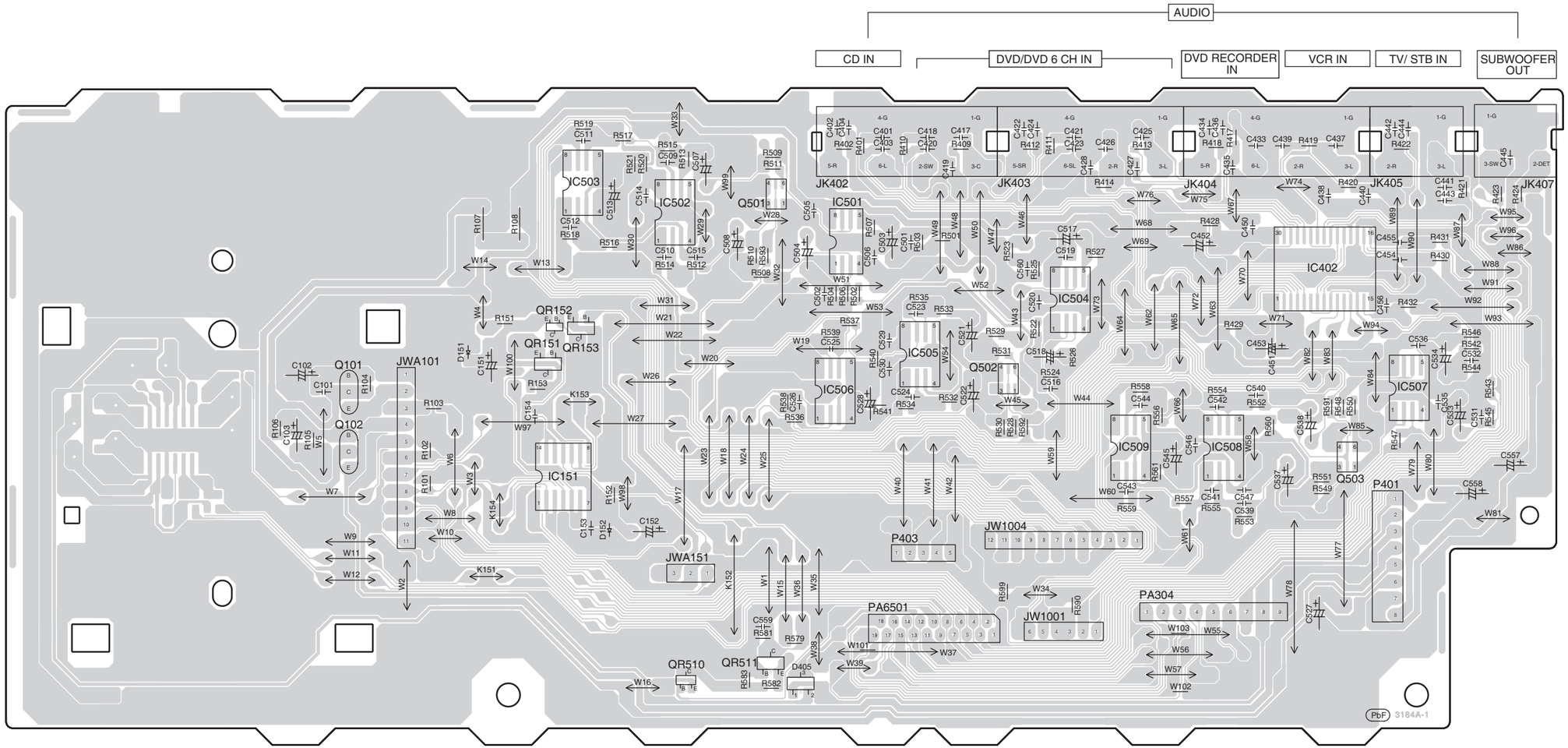
B MAIN P.C.B (REP4154B-M)



(SIDE B)

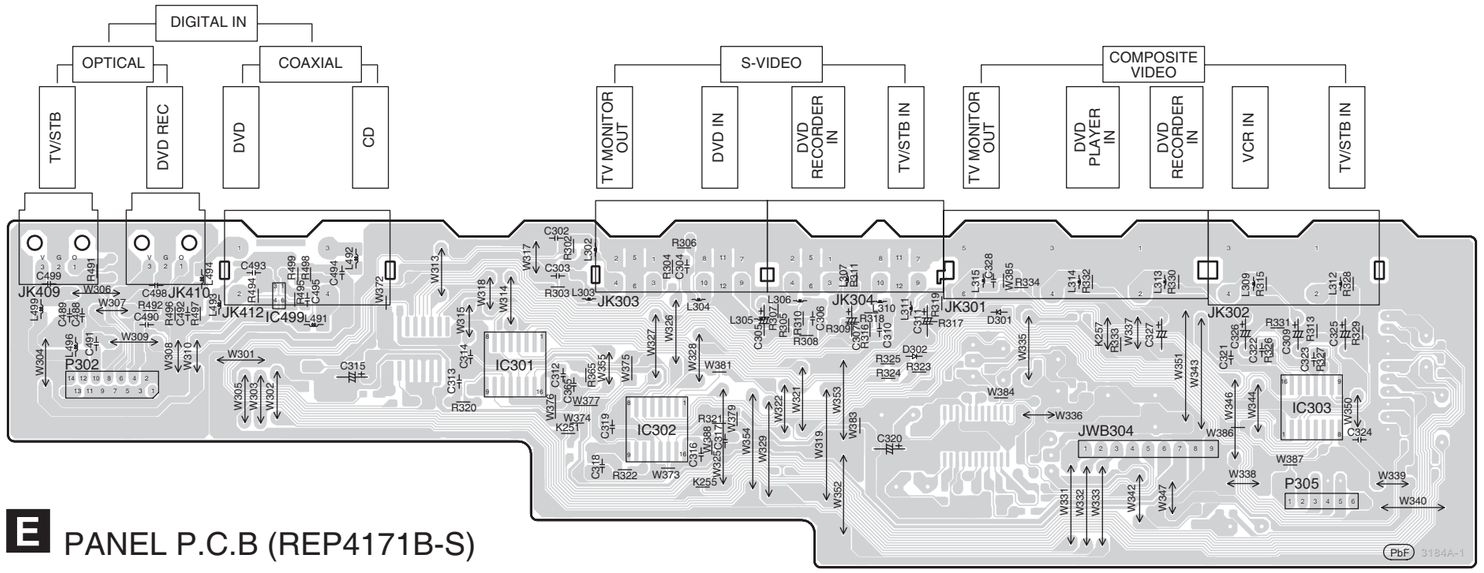
14.3. INPUT P.C.B

C INPUT P.C.B (REP4171B-S)

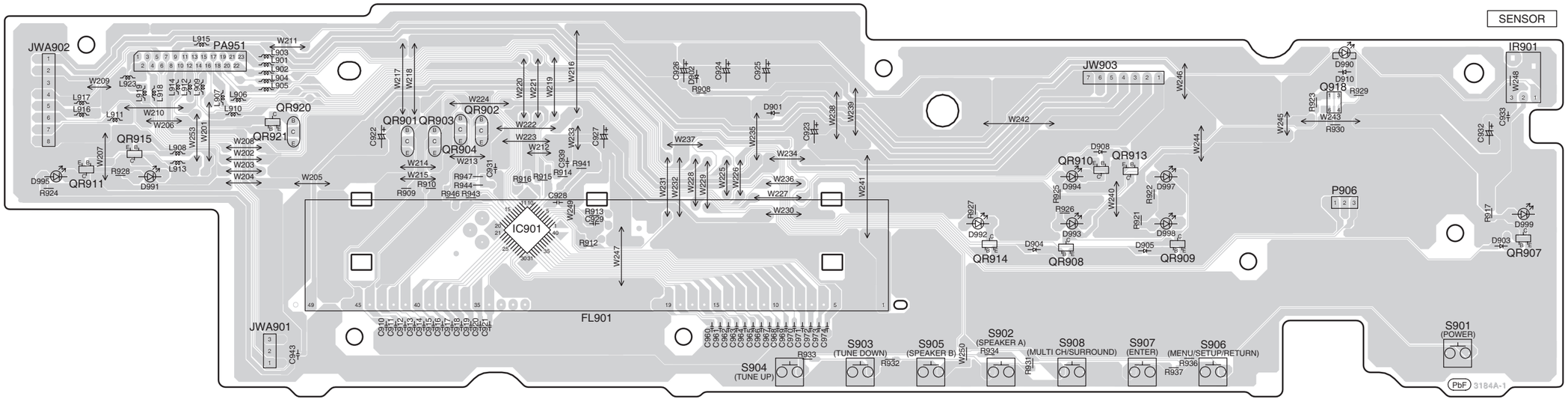


14.4. PANEL P.C.B and VIDEO & OPTICAL P.C.B

M VIDEO & OPTICAL P.C.B (REP4171B-S)

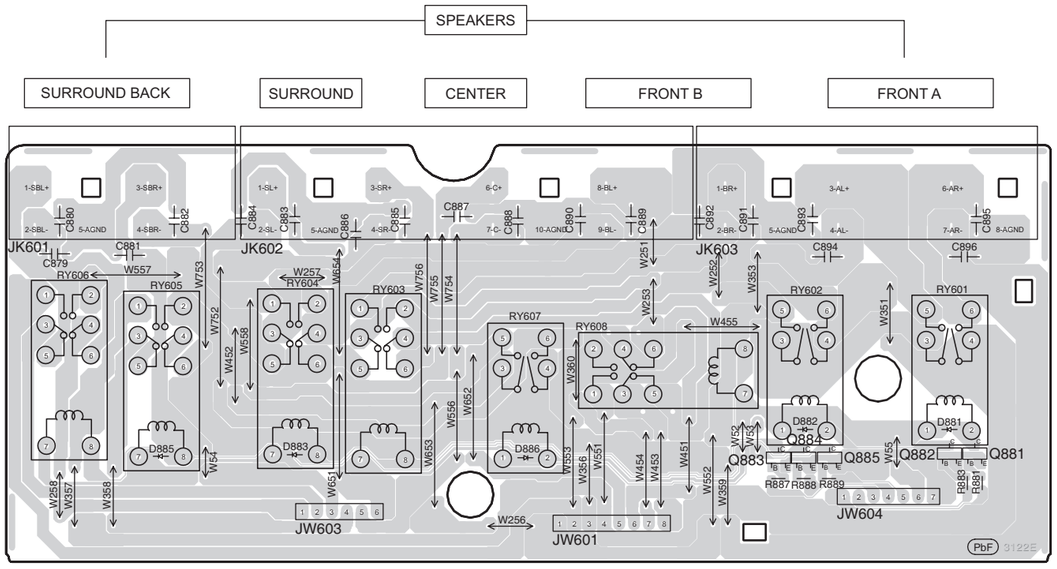


E PANEL P.C.B (REP4171B-S)

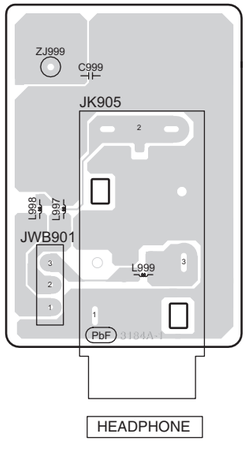


14.5. SPEAKER P.C.B, HEADPHONE P.C.B, VOLUME P.C.B, SELECTOR P.C.B, FRONT JACK P.C.B and TUNER EXTENT P.C.B

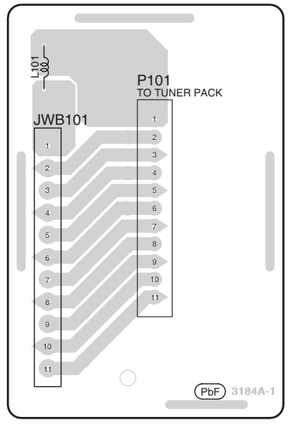
G SPEAKER P.C.B (REP4029E-P)



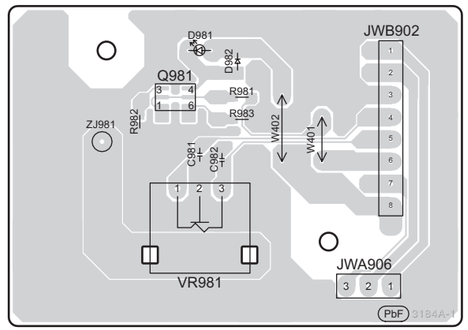
H HEADPHONE P.C.B (REP4171B-S)



D TUNER EXTENT P.C.B (REP4171B-S)

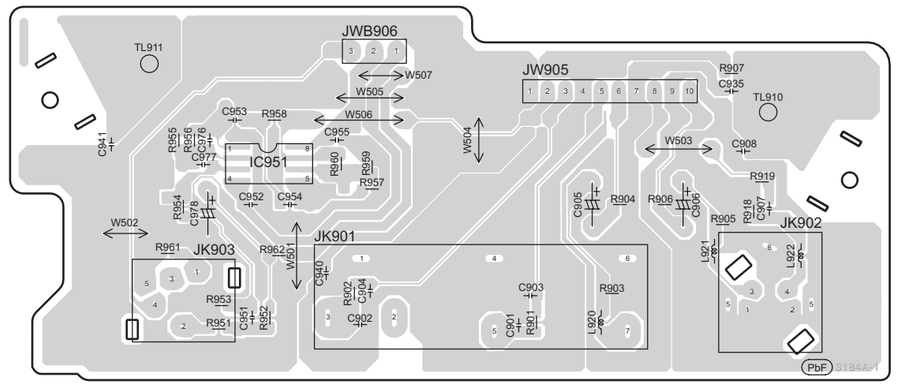


I VOLUME P.C.B (REP4171B-S)



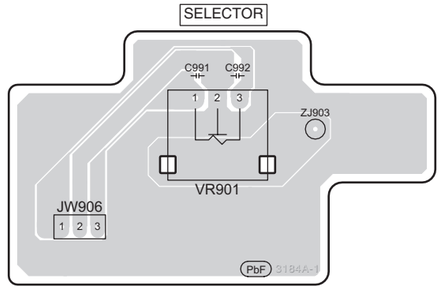
VOLUME

N FRONT JACK P.C.B (REP4171B-S)



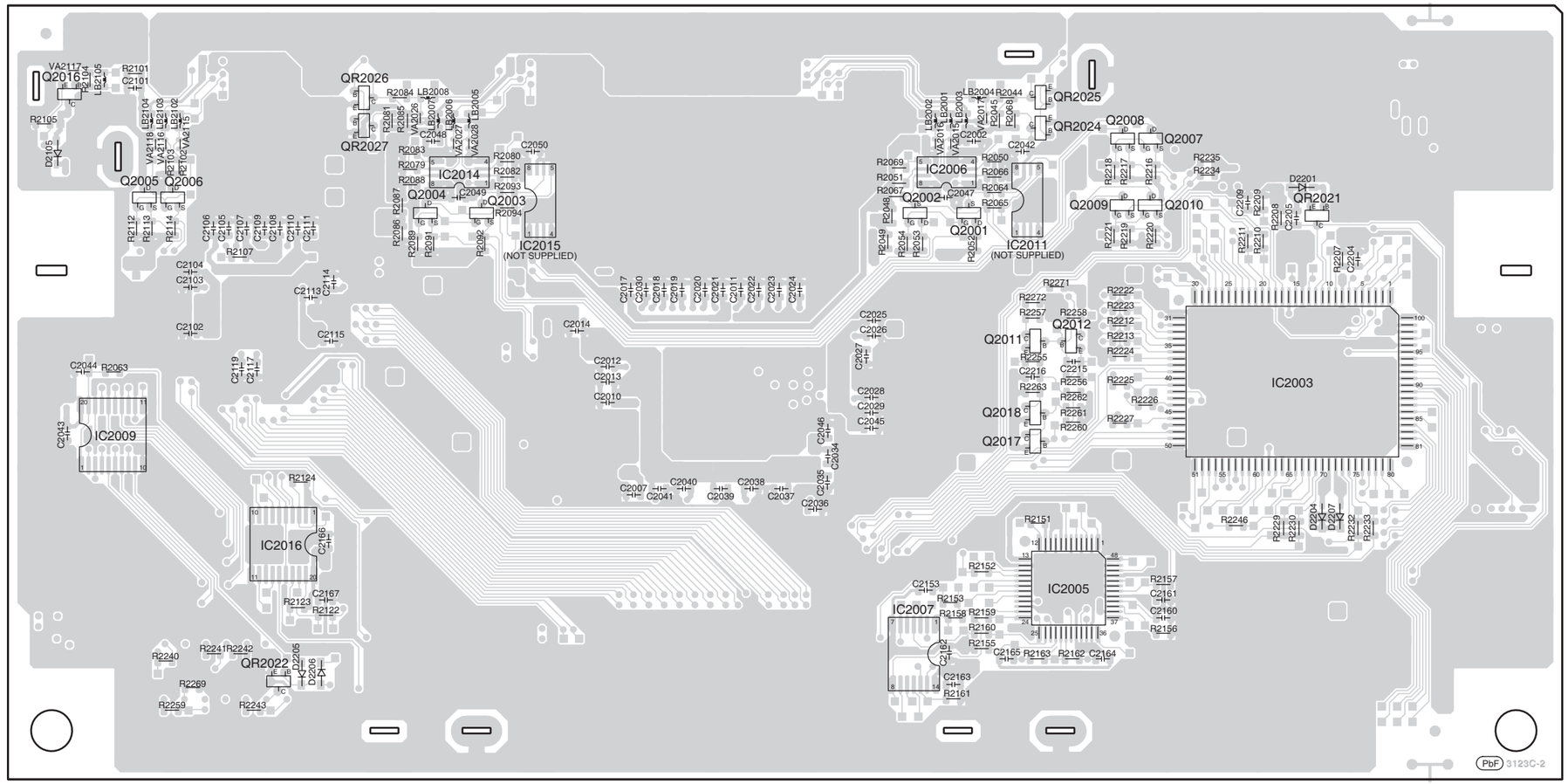
MIC | AUDIO IN | VIDEO IN | S-VIDEO IN

J SELECTOR P.C.B (REP4171B-S)



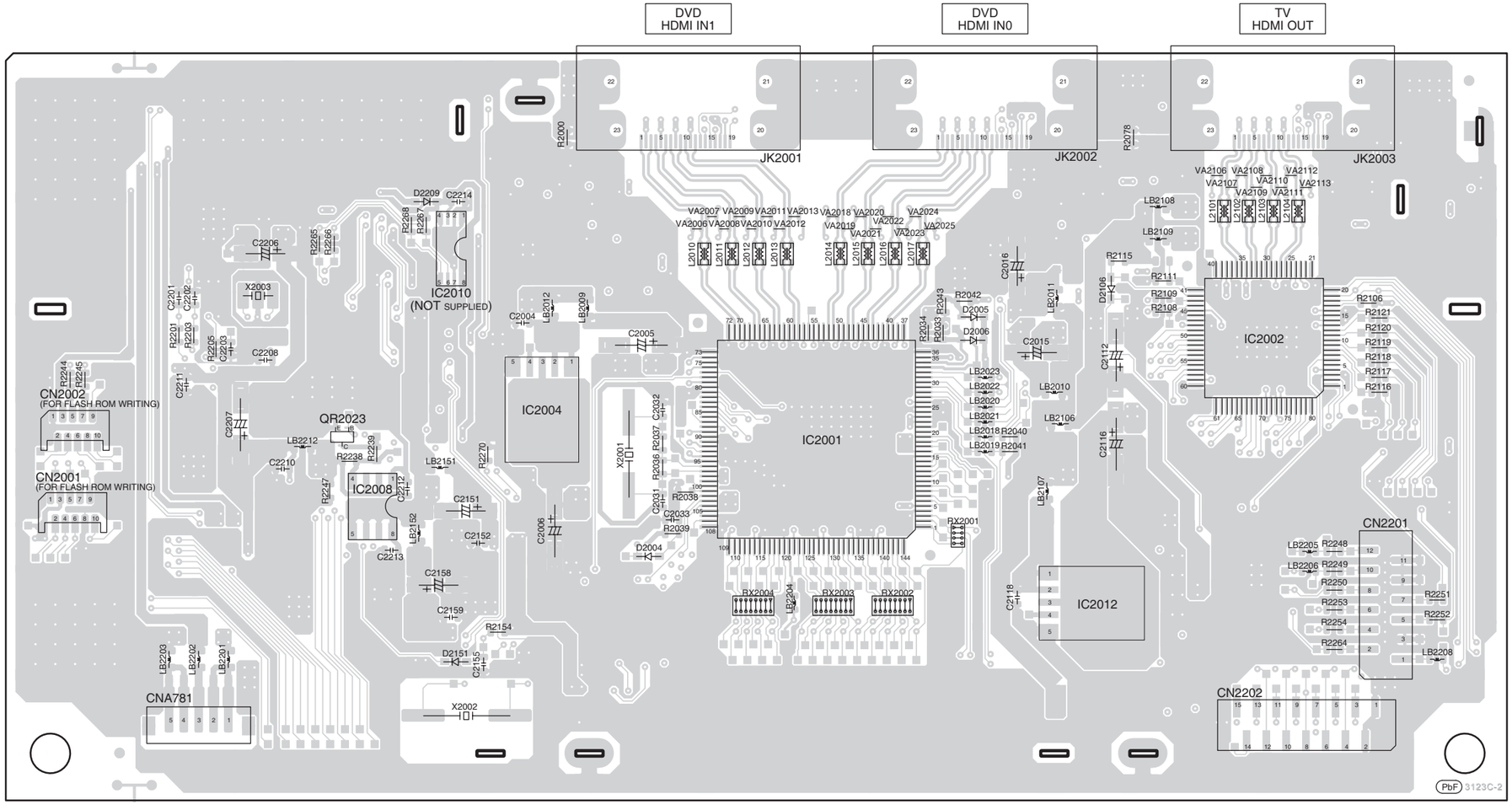
14.6. HDMI P.C.B

L HDMI P.C.B (REP4030C-T)



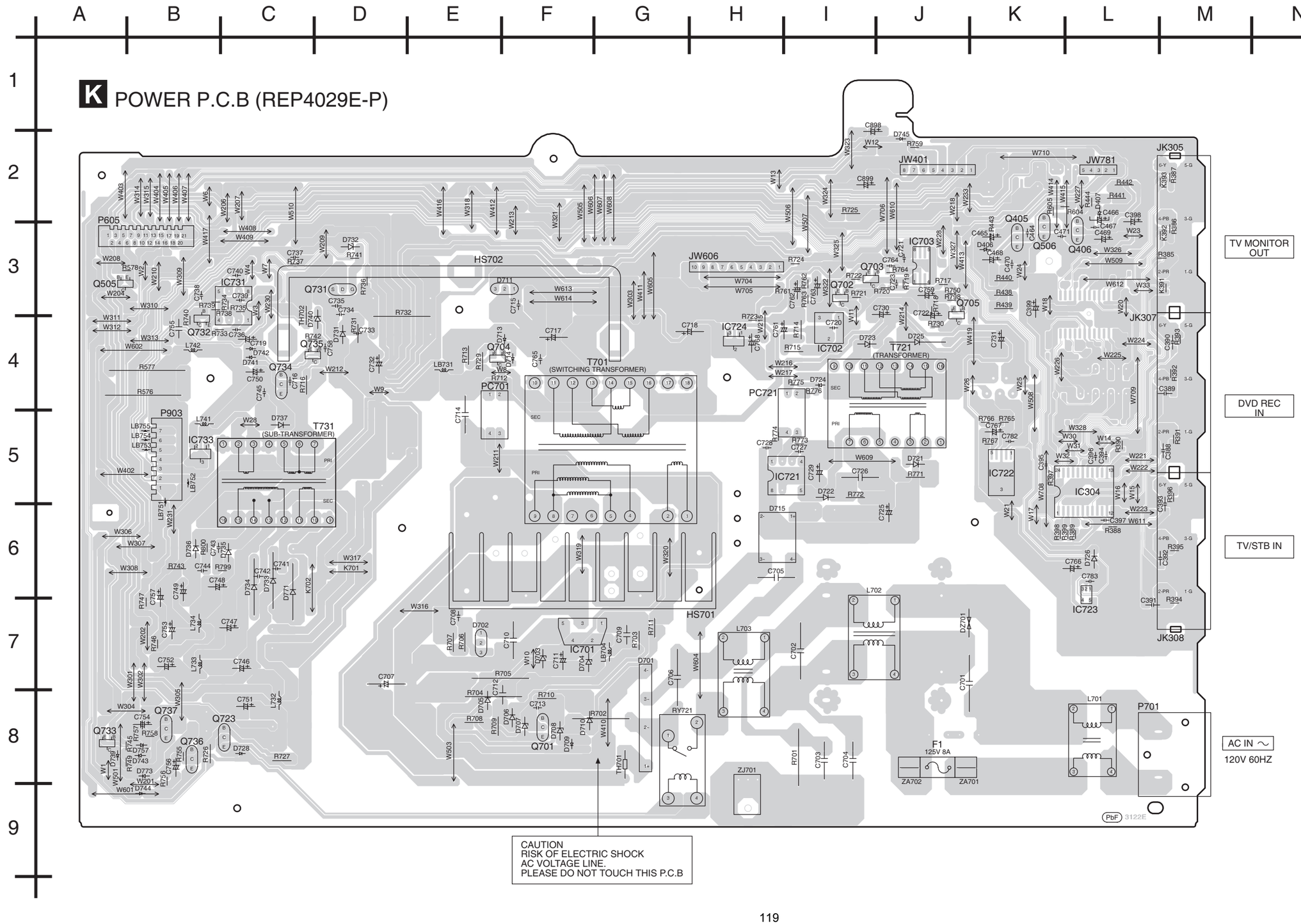
(SIDE A)

L HDMI P.C.B (REP4030C-T)



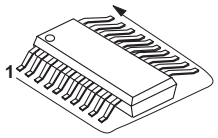
(SIDE B)

14.7. POWER P.C.B

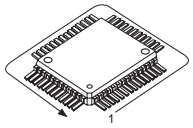


15 Illustration of IC's, Transistors and Diodes

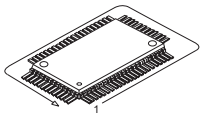
C0JBAA000244 (14p)
C1BB00000835 (56p)
C1AB00001931 (16p)
C0JBAZ001539 (20p)
C1BB00000672 (28p)
C0JBAB000685 (6p)
C0ABBB000171 (8p)
C0JBAR000294 (16p)
C0JBAF000540 (8p)
C0JBAR000400 (8p)
C0JBAB000633 (8p)
C0JBAS000008 (14p)
C0JBAZ001437 (20p)
C0DBZYY00244 (8p)
C1AB00002029 (24p)
C0JBAA000175 (14p)
C0JZAS000004 (30p)
C0ABBA000168 (8p)
C0ABBB000038 (8p)
C0JBAK000204 (14p)
C0JBAZ001466 (20p)
C0ABBB000216 (8p)
C0DBZYG00001 (8p)
C0FBBK000047 (16p)
C0ZBZ0001001 (8p)
C3FBHA000005 (8p)



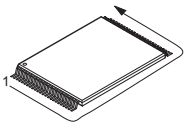
C2CBKJ000203 (100p)



C2CBKJ000204 (64p)
C2CBKJ000205 (100p)



C3BBHC000348 (32p)



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C1AB00002541 (80p)
C1AB00002656 (144p)
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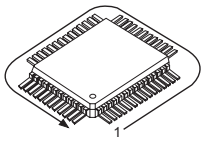

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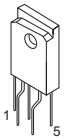

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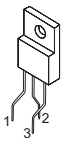

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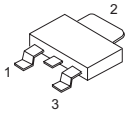

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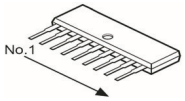

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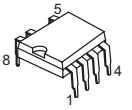

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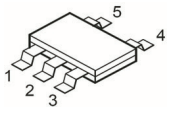

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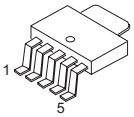

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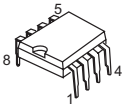

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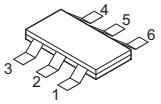

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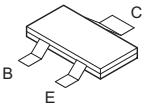

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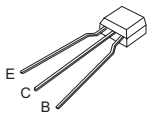

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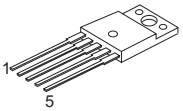

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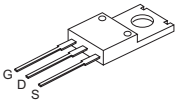

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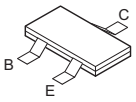

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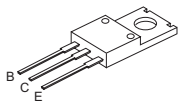

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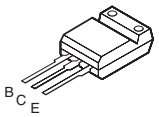

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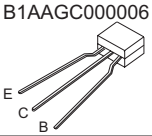

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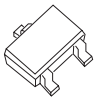

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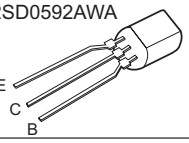

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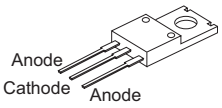

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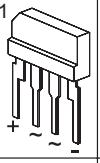

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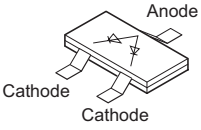

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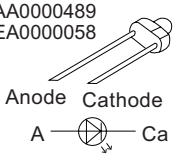

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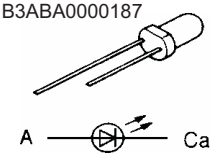

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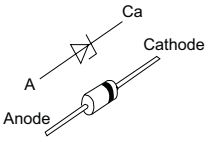

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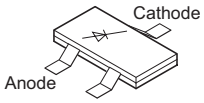

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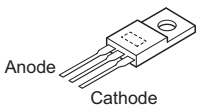

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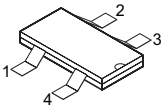

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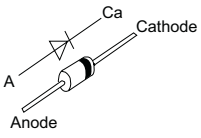

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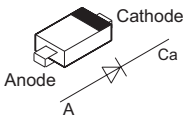

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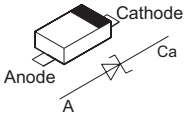
MAZ80560ML



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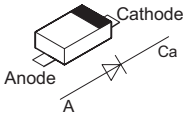

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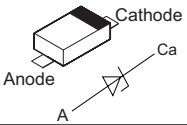

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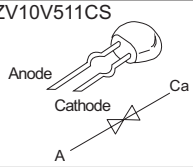


16 Terminal Function of IC´s

16.1. IC6801 (C2CBKJ000204) IC MICROPROCESSOR

Pin No.	Mark	I/O	Function
1	SP_SETUP_LED	O	LED output to indicate Auto Speaker Setup operation.
2	/DC_DET	I	DC Short Detection
3	/ECO_MODE	O	ECO Mode On/Off output
4	PWR_CTRL	I	HDMI CEC Power Control Input
5	/MIC_DET	I	MIC Insertion Detect Input
6	/SPKR_DET	I	Auto Speaker Detect Result Input
7	ROM_PWR	O	EEPROM Power Control
8	BYTE	I/O	VSS Connection
9	CNVSS	-	GND
10	N.C.	-	No Connection
11	N.C.	-	No Connection
12	/RESET	I	Reset Input
13	XOUT	O	Crystal Oscillating O/P
14	VSS	-	GND Connection
15	XIN	O	Crystal Oscillating I/P
16	VCC1	-	GND Connection
17	/NMI	-	Connect to Vcc (+5V)
18	VSS	-	No Connection
19	HOLD	I	Power Failure Detection
20	RMT	I	Remote Control Signal Input
21	EE_WPB	O	EEPROM Control
22	EE_DIN	I	EEPROM Control
23	EE_CSB	O	EEPROM Control
24	EE_HOLD	O	EEPROM Control
25	EE_SCK	O	EEPROM Control
26	EE_DOUT	O	EEPROM Control
27	XM_LINK	I	XM Link / H : Link
28	XMDT_RST	O	XM DT LSI RESET
29	XMSC_RX	I	XM DT LSI Control UART
30	XMSC_TX	O	XM DT LSI Control UART
31	FL_DT/F_TXD	O	FL Driver Control DT (µP Flash Rewrite TX DATA)
32	FL_ST/F_RXD	I	FL Driver Control ST (µP Flash Rewrite RX DATA)
33	FL_CK/F_SCLK	O	FL Driver Control CLK (µP Flash Rewrite CLOCK)
34	FL_RST/F_BUSY	O	FL Driver Control RST (µP Flash Rewrite BUSY)
35	M2S_DT	O	Communication to Main µP : Serial Output
36	S2M_DT	O	Communication to Main µP : Serial Input
37	M_CK	O	Communication to Main µP : Clock
38	REQM	O	Communication to Sub µP : Request from Main µP
39	REQS	O	Communication to Sub µP : Request from Sub µP
40	/AF_MUTE	O	MUTE for AF
41	BI-AMP/F_EPM	O	BI-AMP RELAY
42	/SUBW_MUTE	O	MUTE for SUBWFR
43	TRIPLE_AMP	O	TRIPLE AMP Control Output
44	N.C.	-	No Connection
45	N.C.	-	No Connection
46	F_OE	I	(Flash OE)
47	SUBW_DET	I	SUBWOOFER Connect Detect Input
48	V_A	O	Image Switching Control
49	V_B	O	Image Switching Control
50	V_C	O	Image Switching Control
51	XM_PWR	O	XM POWER CONTROL
52	XM_DAC_RST	O	XM DAC RESET
53	XM_I2S_RATE	O	XM I2S RATE (reserved)
54	XM_MUTE_I	I	XM MUTE input (reserved)
55	XM_ANT_REV	O	XM ANT_REV / L : compatible (reserved)
56	XM_MUTE_O	O	XM MUTE output
57	N.C.	-	No Connection
58	N.C.	-	No Connection
59	N.C.	-	No Connection
60	N.C.	-	No Connection
61	N.C.	-	No Connection
62	VCC	-	No Connection
63	N.C.	-	No Connection
64	VSS	-	GND Connection
65	SP_B	O	Speaker B Relay Control Output
66	POWER_RLY	O	Power Relay Control Output
67	/M_RESET	O	RESET signal for sub µP
68	BEAT_PRF	O	BEAT PROOF for Control Output.
69	SP_A	O	Speaker A Relay Control Output
70	H_RESET	O	HDMI Micro Prosessor Reset Output
71	RDS_CLK	O	RDS IC Control : Clock
72	RDS_DI	I	RDS IC Control : Data
73	XM_SEL	O	XM Audio Selector
74	N.C.	-	No Connection
75	TUN_SD	I	SD Input for Tuner
76	TUN_DI/ST	I	IF data/Stereo detect input for Tuner control
77	TUN_CE	O	CE Output for Tuner
78	SEL/TUN_CLK	O	Clock for Selector/Tuner Control
79	SEL/TUN_DT	O	Data for Selector/Tuner Control
80	SEL_ST	O	ST for Selector Control
81	M_ROOM_LED	O	MULTI ROOM LED
82	N.C.	-	No Connection
83	ILLUMINATION	O	BLUE LIGHT (Switch off when on Dimmer)
84	N.C.	-	No Connection
85	N.C.	-	No Connection
86	DUAL_AMP	O	DUAL AMP control
87	A/D_ATT	O	A/D Attenuator Control Output
88	/SHORT_DET	I	Short Detect Input
89	THRM_DET	I	Thermal Detect Input
90	SEL_ENC_A	I	Selector Encorder Input A
91	SEL_ENC_B	I	Selector Encorder Input B
92	KEY2	I	Key Input 2
93	KEY1	I	Key Input 1
94	INIT_IN1	I	Initialize Setting Input 1
95	INIT_IN2	I	Initialize Setting Input 2
96	AVSS	-	GND Connection
97	N.C.	-	No Connection
98	VREF	-	VCC Connection
99	AVCC	-	Power Supply
100	N.C.	-	No Connection

16.2. IC6901 (C2CBKJ000205) IC SUB MICRO-P

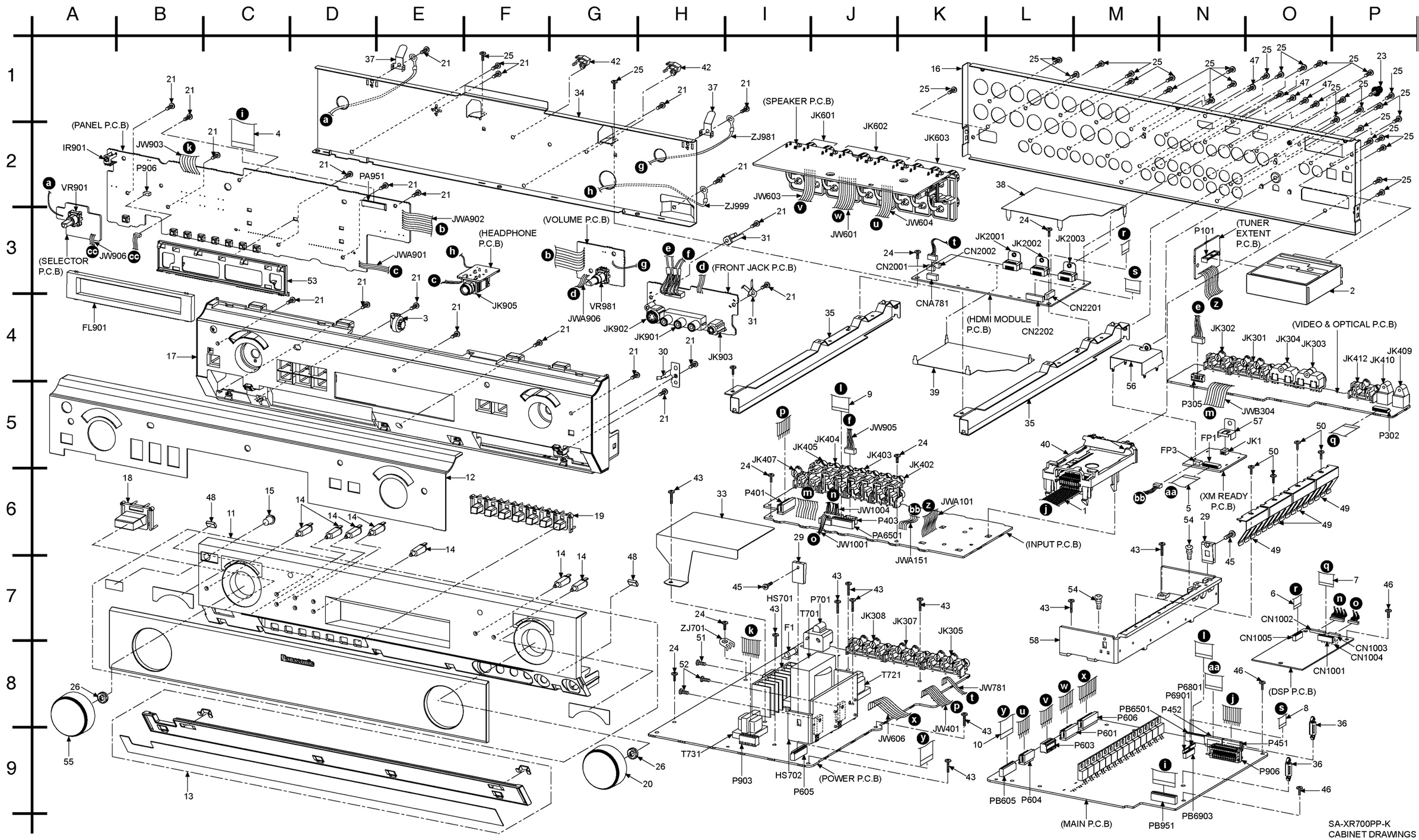
Pin No.	Mark	I/O	Function
1	N.C.	-	No Connection
2	N.C.	-	No Connection

Pin No.	Mark	I/O	Function
3	N.C.	-	No Connection
4	H_CS	O	For HDMI Micon use
5	H_SO	O	For HDMI Micon use
6	H_Si	O	For HDMI Micon use
7	H_CK	O	For HDMI Micon use
8	BYTE	O	Switches the data bus in external memory space
9	CNVSS/VPP	O	Switches processor mode
10	Xcin	-	No Connection
11	Xcout	-	No Connection
12	/RESET	I	/Reset input
13	XOUT	O	16.3MHz Oscillator
14	VSS	-	GND Connection
15	XIN	I	16.3MHz Oscillator
16	VCC1	-	No Connection
17	/NMI	I	Interrupt input signal
18	DIR_INT1	I	Interrupt signal (1) from DIR
19	DIR_INT0	I	Interrupt signal (0) from DIR
20	REM_WRT	I	Remote control signal for ROM CORRECTION
21	/SROM_RST	O	Serial Flash ROM Reset
22	/S_MUTE	O	Mute output
23	/SROM_CS	O	Serial Flash ROM chip select for Bug Fix
24	/DSP_RESET	O	Reset for DSP (YSS944 nIC)
25	N.C.	-	No Connection
26	AMP_CNT1	O	Control signal for DC/DC converter : 0 to 3.3V
27	/AMP_RESET	O	PWM MODULATOR RESET
28	/DSP_INT	I	Interrupt Request from DSP(YSS944 nINT)
29	SCL_1	I/O	TAS5576 SCL
30	SDA_1	I/O	TAS5576 SDA
31	SDOUT	O	DIR & DSP & Serial Flash ROM control : Data Output to DSP & DIR & Serial Flash ROM
32	SDIN	I	DSP & Serial Flash ROM control : Data Input from DSP & Serial Flash ROM
33	SCDCLK	O	DIR & DSP & Serial Flash ROM control : Clock Output to DSP & DIR & Serial Flash ROM
34	CDTO	O	DIR control : data output
35	S2M_DT	O	Serial data output for communication to Main uP
36	M2S_DT	I	Serial data input for communication from Main uP
37	M_CK	I	Serial clock for communication with Main uP
38	REQM	O	Request signal for communication from Main uP
39	REQS	O	Request signal for communication to Main uP
40	N_MUTE	I	DSP mute detection
41	ZEROFLG	I	Continuous zero data detection
42	/HDMI_MT	O	HDMI mute detection
43	N.C.	-	No Connection
44	/DIR_RESET	O	Reset for DIR
45	/DIR_CS	O	DIR chip select
46	/DSP_CS	I	DSP control : chip select (YSS944 nMICS)
47	/CS	O	Chip Select (Normal : Low)
48	N.C.	-	No Connection
49	N.C.	-	No Connection
50	N.C.	-	No Connection
51	N.C.	-	No Connection
52	N.C.	-	No Connection
53	N.C.	-	No Connection
54	N.C.	-	No Connection
55	RF_PCONT1	O	RF Power control 1

Pin No.	Mark	I/O	Function
56	DETECT 1	O	Wireless card detection 1
57	LINK1	I	Wireless connection detection 1
58	N.C.	I	RF Power control 2
59	N.C.	O	Wireless card detection 2
60	N.C.	I	Wireless connection detection 2
61	N.C.	-	No Connection
62	VCC2	-	No Connection
63	N.C.	-	No Connection
64	VSS	I	GND
65	N.C.	-	No Connection
66	N.C.	-	No Connection
67	VOL_ENC1	I	Volume Encoder input 1
68	VOL_ENC2	I	Volume Encoder input 2
69	WLESS_LED2	I	Wireless in action Led 2
70	WLESS_LED1	O	Wireless in action Led 1
71	N.C.	-	No Connection
72	N.C.	-	No Connection
73	N.C.	-	No Connection
74	N.C.	-	No Connection
75	N.C.	-	No Connection
76	N.C.	-	No Connection
77	N.C.	-	No Connection
78	N.C.	-	No Connection
79	N.C.	-	No Connection
80	N.C.	-	No Connection
81	N.C.	-	No Connection
82	N.C.	-	No Connection
83	N.C.	-	No Connection
84	N.C.	-	No Connection
85	N.C.	-	No Connection
86	N.C.	-	No Connection
87	N.C.	-	No Connection
88	N.C.	-	No Connection
89	N.C.	-	No Connection
90	N.C.	-	No Connection
91	N.C.	-	No Connection
92	N.C.	-	No Connection
93	N.C.	-	No Connection
94	DEC_OUT	I/O	DC/DC converter output voltage input
95	H_REQ	I/O	For HDMI Micon use
96	AVSS	-	GND Connection
97	DEC_GND	-	DC/DC converter reference GND
98	VREF	-	Vcc connection
99	AVCC	-	Power Supply
100	N.C.	-	No Connection

17 Exploded Views

17.1. Cabinet Parts Location



SA-XR700PP-K
CABINET DRAWINGS

A
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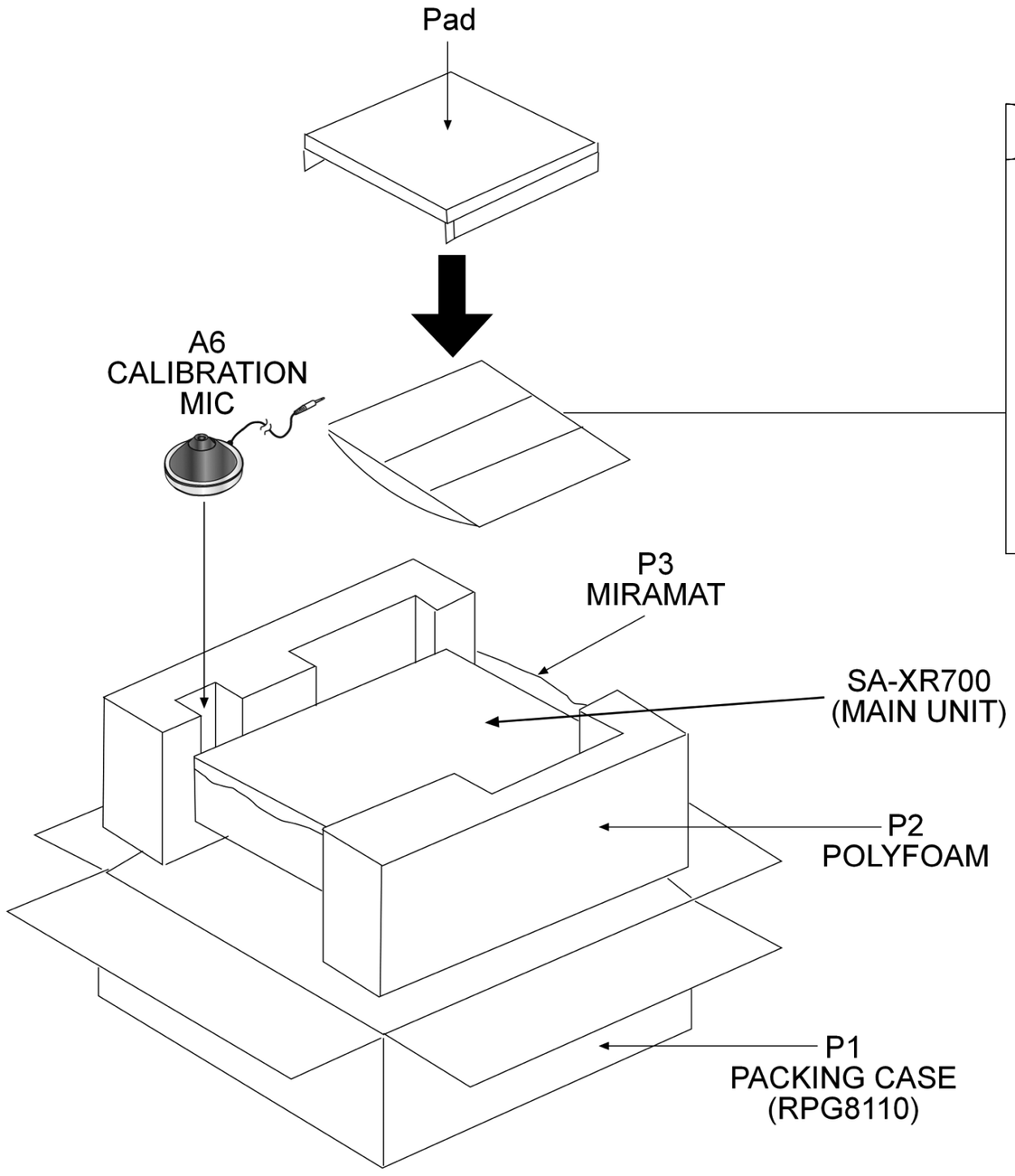
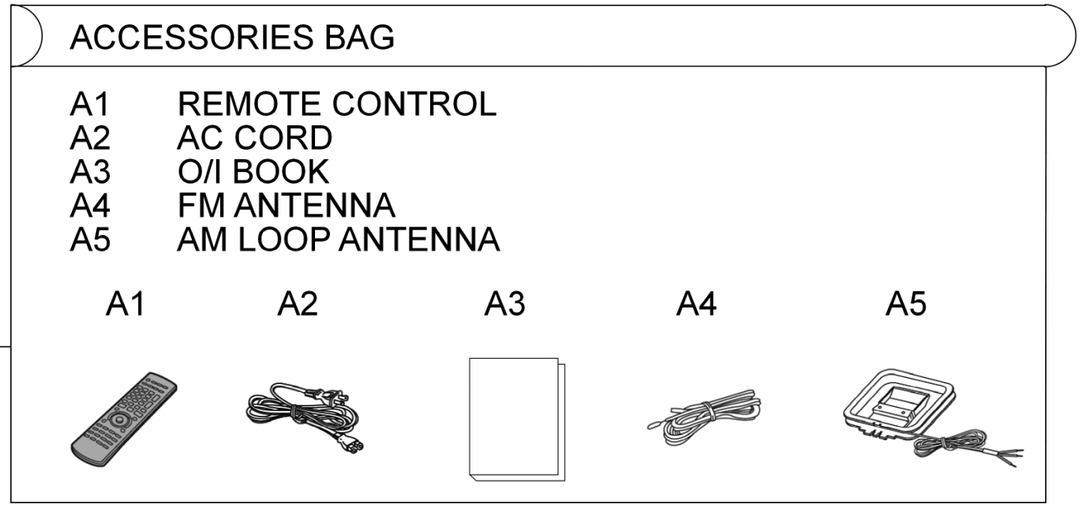
17.2. Packaging





18 Replacement Parts List

Notes:

- Important safety notice:

  Components identified by ⚠ mark have special characteristics important for safety.

  Furthermore, special parts which have purposes of fire-retardent (resistors), high-quality sound (capacitors), low noise (resistors), etc are used.

  When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.
- The parenthesized indications in the Remarks columns specify the areas or colour. (Refer to the cover page for area or colour)

  Parts without these indications can be used for all areas.
- Capacitor values are in microfarads (μF) unless specified otherwise, P= Pico-farads (pF), F= Farads.
- Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM).
- The marking (RTL) indicates that the Retention Time is limited for this items. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
- [M] Indicates in the Remarks columns indicates parts supplied by **PAVCSG.**
- Reference for O/I book languages are as follows:

Ar:	Arabic	Du:	Dutch	It:	Italian	Sp:	Spanish
Cf:	Canadian French	En:	English	Ko:	Korean	Sw:	Swedish
Cz:	Czech	Fr:	French	Po:	Polish	Co:	Traditional Chinese
Da:	Danish	Ge:	German	Ru:	Russian	Cn:	Simplified Chinese
Pe:	Persian	Ur:	Ukraine				

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	K1NA11B00003	11P WIRELESS CONN.	[M]
2	RAN0001MM-2	TUNER PACK	[M]
3	RDG0620	DAMPER	[M]
4	REE1390	23P FFC	[M]
5	REE1391	17P FFC	[M]
6	REEV0103-1	12P FFC WIRE	[M]
7	REEV0104	14P FFC WIRE	[M]
8	REEV0105	15P FFC WIRE	[M]
9	REEV0106	19P FFC WIRE	[M]
10	REEV0107	21P FFC WIRE	[M]
11	RFKGAXR700PP	FL WINDOW ASS'Y	[M]
12	RGG0237-K	AL PANEL	[M]
13	RFKNAXR700PP	DOOR ORNAMENT ASS'Y	[M]
14	RGL0700-Q	LIGHT GUIDE	[M]
15	RGL0701-Q	SENSOR GUIDE	[M]
16	RGRV0049E-A	REAR PANEL	[M]
17	RGP1353A-K1	GRILLE	[M]
18	RGU2505-K	POWER BUTTON	[M]
19	RGU2506A-K	FUNCTION BUTTON	[M]
20	RGW0419-K	VOLUME KNOB	[M]
21	RHD26046-L	SCREW	[M]
22	RHD30007-K2J	SCREW	[M]
23	RHD30070	EARTH TERMINAL SCREW	[M]
24	RHD30111-3	SCREW	[M]
25	RHD30119-K	SCREW	[M]
26	RHN90001-1	M9 NUT	[M]
27	RKA0079-H	SET LEG UNIT	[M]
28	RKM0523-K	TOP CABINET	[M]
29	RMC0477	THERMISTOR SPRING	[M]
30	RMC0702	AL EARTH ANGLE	[M]
31	RMC0709	VCR EARTH ANGLE	[M]
32	RFKHAXR700PP	CHASSIS ASS'Y	[M]
33	RMQ1342	HEATSINK COVER	[M]
34	RMQ1579	FRONT SHIELD	[M]
35	RMQV0060	SUPPORT BAR	[M]
36	RMR1359-W	PCB SUPPORT (DECODER)	[M]
37	RSC0734	PANEL EARTH PLATE	[M]
38	RSCV0070	HDMI SHIELD TOP	[M]
39	RSCV0071	HDMI SHIELD BOTTOM	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
40	RYPV0138-X	WIRELESS HOLDER UNIT	[M]
41	SHE185-3	PCB SUPPORT	[M]
42	SHRD163	CORD HOLDER	[M]
43	XTB3+16JFJ	SCREW	[M]
44	XTB3+6GFJ	SCREW	[M]
45	XTN26+4FFJ	SCREW	[M]
46	XYB3+F8FJ	SCREW	[M]
47	XYN3+C8FJK	SCREW	[M]
48	VSQ1088-2	MAGNET B	[M]
49	RMC0617	TR SPRING	[M]
50	XTW3+8TFJ	SCREW	[M]
51	XYN3+F10FJ	SCREW	[M]
52	XTB3+8JFJ	SCREW	[M]
53	RMNV0065	FL HOLDER	[M]
54	SHR411	PLASTIC RIVET	[M]
55	RGW0421-K	SELECTOR KNOB	[M]
56	RSCV0083	XM SHIELD	[M]
57	RSCV0084	XM ANGLE	[M]
58	RXX0286	DIG HEAT SINK UNIT	[M]
		PRINTED CIRCUIT BOARD	
	REP4028A-T	DSP P.C.B	[M] RTL
	REP4029E-P	SPEAKER P.C.B / POWER P.C.B	[M] RTL
	REP4030C-T	HDMI P.C.B	[M] RTL
	REP4154B-M	MAIN P.C.B	[M] RTL
	REP4165A	XM READY P.C.B	[M] RTL
	REP4171B-S	INPUT P.C.B / PANEL P.C.B / VIDEO & OPTICAL P.C.B / HEADPHONE P.C.B / VOLUME P.C.B / SELECTOR P.C.B / FRONT JACK P.C.B / TUNER EXTENT P.C.B	[M] RTL
		INTEGRATED CIRCUITS	
IC1	C1AB00002670	IC XM DT	[M]
IC2	C0DBZYG00001	IC POWER SUPPLY	[M]
IC3	C0FBBK000047	IC DAC	[M]
IC4	C0ABBB000038	IC OP AMP	[M]
IC151	C0JBAS000008	IC ANALOG SWITCH	[M]
IC301	C1AB00001931	IC VIDEO SELECTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
IC302	C1AB00001931	IC VIDEO SELECTOR	[M]
IC303	C1AB00001931	IC VIDEO SELECTOR	[M]
IC304	C1AB00002029	IC SW AMP	[M]
IC402	C0JZAS000004	IC SELECTOR	[M]
IC499	C0JBAB000685	IC INVERTER	[M]
IC501	C0ABBB000171	IC OP-AMP	[M]
IC502	C0ABBB000038	IC OP-AMP	[M]
IC503	C0ABBB000038	IC OP-AMP	[M]
IC504	C0ABBB000171	IC OP-AMP	[M]
IC505	C0ABBB000038	IC OP-AMP	[M]
IC506	C0ABBB000038	IC OP-AMP	[M]
IC507	C0ABBB000171	IC OP-AMP	[M]
IC508	C0ABBB000038	IC OP-AMP	[M]
IC509	C0ABBB000038	IC OP-AMP	[M]
IC701	C0DAAMH00004	IC SWITCHING	[M]
IC702	C0EAS0000032	IC VOLTAGE DETECTOR	[M]
IC703	C0ABBA000168	IC OP AMP	[M]
IC721	MIP2C10MSSCF	IC SWITCHING	[M]
IC722	C0DBEKG00004	IC REGULATOR	[M]
IC723	C0CBCDC00017	IC REGULATOR	[M]
IC724	C0CBADC00041	IC TERMINAL VOLTAGE	[M]
IC731	C0DAZYY00012	IC DC-DC CONVERTER	[M]
IC733	C0CBACC00052	IC REGULATOR	[M]
IC901	C0HBB0000044	IC FL DRIVER	[M]
IC951	C0ABBB000038	IC OP AMP	[M]
IC1001	C0JBAB000633	IC LOGIC INVERTER	[M]
IC1002	C0JBAB000702	IC INVERTER	[M]
IC1003	C3BBHC000348	IC SRAM	[M]
IC1004	C0JBAZ001539	IC LOGIC	[M]
IC1005	C0JBAR000400	IC MULTIPLEXER	[M]
IC1006	C0JBAF000540	IC D FLIP-FLOP	[M]
IC1007	C2HBCK000001	IC DSP	[M]
IC1008	C1BB00000692	IC DIR	[M]
IC1009	C1BB00000672	IC ADC	[M]
IC1010	C1BB00000672	IC ADC	[M]
IC1011	C1BB00000672	IC ADC	[M]
IC2001	C1AB00002656	IC HDMI RECEIVER	[M]
IC2002	C1AB00002541	IC HDMI TRANSMITTER	[M]
IC2003	C2CBKJ000203	IC HDMI MICRO-P	[M]
IC2004	C0CBCAG00015	IC REGULATOR	[M]
IC2005	C1BB00000692	IC DIR	[M]
IC2006	C0ZBZ0001001	IC BUFFER	[M]
IC2007	C0JBAK000204	IC CMOS	[M]
IC2008	C0DBZYY00244	IC HDMI	[M]
IC2009	C0JBAZ001466	IC LEVEL SHIFTER	[M]
IC2012	C0CBCAG00015	IC REGULATOR	[M]
IC2014	C0ZBZ0001001	IC BUFFER	[M]
IC2016	C0JBAZ001466	IC LEVEL SHIFTER	[M]
IC6001	C0DBEKG00004	IC REGULATOR	[M]
IC6051	C0AABB000084	IC OP-AMP	[M]
IC6082	C0ABBB000216	IC OP-AMP	[M]
IC6101	C1BB00000835	IC DUAL H-BRIDGE DRI	[M]
IC6201	C1BB00000835	IC DUAL H-BRIDGE DRI	[M]
IC6301	C1BB00000835	IC DUAL H-BRIDGE DRI	[M]
IC6401	C1BB00000835	IC DUAL H-BRIDGE DRI	[M]
IC6552	C0JBAA000244	IC STANDARD GATE	[M]
IC6553	C0ABBB000216	IC OP AMP	[M]
IC6601	C1BB00000834	IC 6CH PWM PROCESSOR	[M]
IC6602	C0JBAA000244	IC STANDARD GATE	[M]
IC6603	C0JBAB000710	IC CHIP GATE	[M]
IC6604	C0JBAR000294	IC SEL. MULTIPLIES	[M]
IC6671	C0JBAZ001539	IC LOGIC	[M]
IC6701	C1BB00000834	IC 6CH PWM PROCESSOR	[M]
IC6720	C0JBAA000244	IC STANDARD GATE	[M]
IC6801	C2CBKJ000204	IC MAIN MICRO-P	[M]
IC6803	C0JBAA000345	IC CHIP GATE	[M]
IC6804	C0JBAZ001437	IC BUS DRIVER	[M]
IC6805	C0EBE0000338	IC RESET	[M]
IC6901	C2CBKJ000205	IC SUB MICRO-P	[M]
IC6902	C3FBHA000005	IC FLASH MEMORY	[M]
IC6903	C0JBAA000175	IC LOGIC	[M]
IC6904	C0JBAA000244	IC STANDARD GATE	[M]
IC6971	C0DBEKG00004	IC REGULATOR	[M]
IC6972	C0DBEKG00004	IC REGULATOR	[M]
IC6973	C0DBEKG00004	IC REGULATOR	[M]
IR901	B3RAB0000041	REMOTE SENSOR	[M]
		TRANSISTORS	
Q101	2SD0592AWA	TRANSISTOR	[M]
Q102	2SD0592AWA	TRANSISTOR	[M]
Q405	2SD0592AWA	TRANSISTOR	[M]
Q406	2SB0621AHA	TRANSISTOR	[M]
Q501	B1GFGCAA0001	TRANSISTOR	[M]
Q502	B1GFGCAA0001	TRANSISTOR	[M]
Q503	B1GFGCAA0001	TRANSISTOR	[M]
Q505	B1ABEC000010	TRANSISTOR	[M]
Q506	2SC3311ARA	TRANSISTOR	[M]
Q701	B1BACF000026	TRANSISTOR	[M]
Q702	B1ABCF000078	TRANSISTOR	[M]
Q703	B1ABCF000078	TRANSISTOR	[M]
Q704	B1ADCF000001	TRANSISTOR	[M]
Q705	B1ADCF000001	TRANSISTOR	[M]
Q723	B1AAGC000006	TRANSISTOR	[M]
Q731	B1DEGM000026	TRANSISTOR	[M]
Q732	B1ABCF000078	TRANSISTOR	[M]
Q733	B1GBCFJA0002	TRANSISTOR	[M]
Q734	2SB0621AHA	TRANSISTOR	[M]
Q735	B1ABCF000078	TRANSISTOR	[M]
Q736	B1AAGC000006	TRANSISTOR	[M]
Q737	2SD21370PA	TRANSISTOR	[M]
Q881	B1ABGC000001	TRANSISTOR	[M]
Q882	B1ABGC000001	TRANSISTOR	[M]
Q883	B1ABGC000001	TRANSISTOR	[M]
Q884	B1ABGC000001	TRANSISTOR	[M]
Q885	B1ABGC000001	TRANSISTOR	[M]
Q918	B1GFGCAA0001	TRANSISTOR	[M]
Q981	B1GFGCAA0001	TRANSISTOR	[M]
Q2001	B1CBGD000001	TRANSISTOR	[M]
Q2002	B1CBGD000001	TRANSISTOR	[M]
Q2003	B1CBGD000001	TRANSISTOR	[M]
Q2004	B1CBGD000001	TRANSISTOR	[M]
Q2005	B1CBGD000001	TRANSISTOR	[M]
Q2006	B1CBGD000001	TRANSISTOR	[M]
Q2007	B1CBGD000001	TRANSISTOR	[M]
Q2008	B1CBGD000001	TRANSISTOR	[M]
Q2009	B1CBGD000001	TRANSISTOR	[M]
Q2010	B1CBGD000001	TRANSISTOR	[M]
Q2011	B1ABCF000079	TRANSISTOR	[M]
Q2012	B1ABCF000079	TRANSISTOR	[M]
Q2016	B1ABCF000079	TRANSISTOR	[M]
Q2017	B1ABCF000079	TRANSISTOR	[M]
Q2018	B1ABCF000079	TRANSISTOR	[M]
Q6001	B1ABDB000035	TRANSISTOR	[M]
Q6002	B1ABDB000035	TRANSISTOR	[M]
Q6003	B1ABDB000035	TRANSISTOR	[M]
Q6004	B1ABDB000035	TRANSISTOR	[M]
Q6005	B1HBDCA00001	TRANSISTOR	[M]
Q6006	B1HBDCA00001	TRANSISTOR	[M]
Q6081	B1HBDCA00001	TRANSISTOR	[M]
Q6091	B1ABDB000035	TRANSISTOR	[M]
Q6092	B1ABDB000035	TRANSISTOR	[M]
Q6101	B1DEGF000004	TRANSISTOR	[M]
Q6102	B1DEGF000004	TRANSISTOR	[M]
Q6151	B1DEGF000004	TRANSISTOR	[M]
Q6152	B1DEGF000004	TRANSISTOR	[M]
Q6201	B1DEGF000004	TRANSISTOR	[M]
Q6202	B1DEGF000004	TRANSISTOR	[M]
Q6251	B1DEGF000004	TRANSISTOR	[M]
Q6252	B1DEGF000004	TRANSISTOR	[M]
Q6301	B1DEGF000004	TRANSISTOR	[M]
Q6302	B1DEGF000004	TRANSISTOR	[M]
Q6351	B1DEGF000004	TRANSISTOR	[M]
Q6352	B1DEGF000004	TRANSISTOR	[M]
Q6451	B1DEGF000004	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q6452	B1DEGF000004	TRANSISTOR	[M]
Q6551	B1ABDB000035	TRANSISTOR	[M]
Q6552	B1ABDB000035	TRANSISTOR	[M]
Q6553	B1ABDB000035	TRANSISTOR	[M]
Q6554	B1ABDB000035	TRANSISTOR	[M]
Q6555	B1HBDCA00001	TRANSISTOR	[M]
Q6802	B1ADCF000063	TRANSISTOR	[M]
Q6807	B1ABCF000079	TRANSISTOR	[M]
Q6808	B1ADCF000063	TRANSISTOR	[M]
Q6809	B1ABCF000079	TRANSISTOR	[M]
Q6810	B1CBGD000001	TRANSISTOR	[M]
Q6812	B1ADCF000063	TRANSISTOR	[M]
Q6814	B1ADCF000063	TRANSISTOR	[M]
Q6871	B1CBGD000001	TRANSISTOR	[M]
QR151	B1GBCFJJ0002	CHIP TRANSISTOR	[M]
QR152	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR153	B1GBCFJJ0002	CHIP TRANSISTOR	[M]
QR510	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR511	UNR211500L	CHIP TRANSISTOR	[M]
QR901	B1GCCFJJ0008	CHIP TRANSISTOR	[M]
QR902	B1GACFGG0004	CHIP TRANSISTOR	[M]
QR903	B1GCCFJJ0008	CHIP TRANSISTOR	[M]
QR904	B1GACFGG0004	TRANSISTOR	[M]
QR907	B1GBCFJN0004	TRANSISTOR	[M]
QR908	B1GBCFJN0004	TRANSISTOR	[M]
QR909	B1GBCFJN0004	TRANSISTOR	[M]
QR910	B1GBCFJN0004	TRANSISTOR	[M]
QR911	B1GBCFJN0004	TRANSISTOR	[M]
QR913	B1GBCFJN0004	TRANSISTOR	[M]
QR914	B1GBCFJN0004	TRANSISTOR	[M]
QR915	B1GBCFJN0004	TRANSISTOR	[M]
QR920	B1GCCFJJ0008	CHIP TRANSISTOR	[M]
QR921	B1GBCFJJ0002	CHIP TRANSISTOR	[M]
QR1001	B1GDCFJN0001	CHIP TRANSISTOR	[M]
QR1002	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR1003	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2021	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2022	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2023	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2024	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2025	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2026	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR2027	B1GBCFJJ0007	DIGITAL TRANSISTOR	[M]
QR6101	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6102	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6103	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6151	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6152	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6153	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6201	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6202	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6203	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6251	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6252	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6253	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6301	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6302	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6303	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6351	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6352	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6353	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6451	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6452	B1GBCFQQ0002	DIGITAL TRANSISTOR	[M]
QR6453	B1GBCFNJ0004	CHIP RESISTOR	[M]
QR6491	B1GBCFJJ0007	CHIP TRANSISTOR	[M]
QR6802	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR6803	B1GBCFJJ0007	CHIP TRANSISTOR	[M]
QR6804	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR6805	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR6806	B1GBCFJJ0007	CHIP TRANSISTOR	[M]
QR6813	B1GBCFJJ0007	CHIP TRANSISTOR	[M]
QR6851	B1GDCFJJ0008	CHIP TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
QR6852	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR6861	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
QR6862	B1GDCFJJ0008	CHIP TRANSISTOR	[M]
		DIODES	
D1	MA2J72800L	DIODE	[M]
D151	MAZ80510ML	DIODE	[M]
D152	MAZ80510ML	DIODE	[M]
D301	MA2J11100L	DIODE	[M]
D302	MA2J11100L	DIODE	[M]
D405	B0ADCJ000020	DIODE	[M]
D406	MAZ80560ML	DIODE	[M]
D407	MAZ80560ML	DIODE	[M]
D701	B0FFKC000001	DIODE	[M]
D702	B0ZAZ0000052	DIODE	[M]
D703	B0BA03000015	DIODE	[M]
D704	B0JAME000025	DIODE	[M]
D705	B0HAJL000001	DIODE	[M]
D706	B0HAJL000001	DIODE	[M]
D707	B0BA03700015	DIODE	[M]
D708	B0BA01800019	DIODE	[M]
D709	B0ACCK000005	DIODE	[M]
D710	B0HAJL000001	DIODE	[M]
D711	B0HBSM000043	DIODE	[M]
D713	B0ACCK000005	DIODE	[M]
D714	B0ACCK000005	DIODE	[M]
D715	B0EDKT000009	DIODE	[M]
D721	B0HAJL000001	DIODE	[M]
D722	B0HAGR000002	DIODE	[M]
D723	B0JAJG000002	DIODE	[M]
D724	MAZ80360LL	DIODE	[M]
D725	B0HANM000012	DIODE	[M]
D726	B0EAKM000122	DIODE	[M]
D728	B0ACCK000005	DIODE	[M]
D731	B0HAJL000001	DIODE	[M]
D732	B0JAME000025	DIODE	[M]
D733	B0HANM000012	DIODE	[M]
D734	B0HANM000012	DIODE	[M]
D735	B0HAJL000001	DIODE	[M]
D736	B0HAJL000001	DIODE	[M]
D737	B0HAJL000001	DIODE	[M]
D739	B0ACCK000005	DIODE	[M]
D740	B0BA01800019	DIODE	[M]
D741	B0ACCK000005	DIODE	[M]
D742	B0ACCK000005	DIODE	[M]
D743	MAZ80560ML	DIODE	[M]
D744	B0ACCK000005	DIODE	[M]
D745	B0ACCK000005	DIODE	[M]
D757	MAZ81100ML	DIODE	[M]
D771	B0HANM000012	DIODE	[M]
D773	B0ACCK000005	DIODE	[M]
D881	B0ACCK000005	DIODE	[M]
D882	B0ACCK000005	DIODE	[M]
D883	B0ACCK000005	DIODE	[M]
D885	B0ACCK000005	DIODE	[M]
D886	B0ACCK000005	DIODE	[M]
D901	MA2J11100L	DIODE	[M]
D902	MAZ802400L	DIODE	[M]
D903	MA2J11100L	DIODE	[M]
D904	MA2J11100L	DIODE	[M]
D905	MA2J11100L	DIODE	[M]
D908	MA2J11100L	DIODE	[M]
D910	B0BC8R100004	DIODE	[M]
D981	B3AEA0000058	DIODE	[M]
D982	B0BC8R100004	DIODE	[M]
D990	B3AEA0000058	DIODE	[M]
D991	B3AAA0000489	DIODE	[M]
D992	B3ABA0000187	DIODE	[M]
D993	B3ABA0000187	DIODE	[M]
D994	B3ABA0000187	DIODE	[M]
D995	B3ABA0000187	DIODE	[M]
D997	B3AAA0000489	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D998	B3AAA0000489	DIODE	[M]
D999	B3AAA0000489	DIODE	[M]
D1001	B0ACCK000005	DIODE	[M]
D1002	B0ACCK000005	DIODE	[M]
D1003	B0ACCK000005	DIODE	[M]
D1004	B0ACCK000005	DIODE	[M]
D1005	B0ACCK000005	DIODE	[M]
D1006	B0ACCK000005	DIODE	[M]
D2004	B0ACCK000005	DIODE	[M]
D2005	MA2J72800L	DIODE	[M]
D2006	MA2J72800L	DIODE	[M]
D2105	MA2J72800L	DIODE	[M]
D2106	B0ACCK000005	DIODE	[M]
D2151	B0ACCK000005	DIODE	[M]
D2201	B0ACCK000005	DIODE	[M]
D2204	MA2J72800L	DIODE	[M]
D2205	B0ACCK000005	DIODE	[M]
D2206	B0ACCK000005	DIODE	[M]
D2207	MA2J72800L	DIODE	[M]
D2209	B0ACCK000005	DIODE	[M]
D6101	B0ACCK000005	DIODE	[M]
D6103	B0JCMG000016	DIODE	[M]
D6104	B0JCMG000016	DIODE	[M]
D6105	B0JCMG000016	DIODE	[M]
D6106	B0JCMG000016	DIODE	[M]
D6125	B0ACEM000009	DIODE	[M]
D6126	B0ACEM000009	DIODE	[M]
D6153	B0JCMG000016	DIODE	[M]
D6154	B0JCMG000016	DIODE	[M]
D6155	B0JCMG000016	DIODE	[M]
D6156	B0JCMG000016	DIODE	[M]
D6175	B0ACEM000009	DIODE	[M]
D6176	B0ACEM000009	DIODE	[M]
D6201	B0ACCK000005	DIODE	[M]
D6203	B0JCMG000016	DIODE	[M]
D6204	B0JCMG000016	DIODE	[M]
D6205	B0JCMG000016	DIODE	[M]
D6206	B0JCMG000016	DIODE	[M]
D6225	B0ACEM000009	DIODE	[M]
D6226	B0ACEM000009	DIODE	[M]
D6253	B0JCMG000016	DIODE	[M]
D6254	B0JCMG000016	DIODE	[M]
D6255	B0JCMG000016	DIODE	[M]
D6256	B0JCMG000016	DIODE	[M]
D6275	B0ACEM000009	DIODE	[M]
D6276	B0ACEM000009	DIODE	[M]
D6301	B0ACCK000005	DIODE	[M]
D6303	B0JCMG000016	DIODE	[M]
D6304	B0JCMG000016	DIODE	[M]
D6305	B0JCMG000016	DIODE	[M]
D6306	B0JCMG000016	DIODE	[M]
D6325	B0ACEM000009	DIODE	[M]
D6326	B0ACEM000009	DIODE	[M]
D6353	B0JCMG000016	DIODE	[M]
D6354	B0JCMG000016	DIODE	[M]
D6355	B0JCMG000016	DIODE	[M]
D6356	B0JCMG000016	DIODE	[M]
D6375	B0ACEM000009	DIODE	[M]
D6376	B0ACEM000009	DIODE	[M]
D6401	B0ACCK000005	DIODE	[M]
D6450	B0ACCK000005	DIODE	[M]
D6453	B0JCMG000016	DIODE	[M]
D6454	B0JCMG000016	DIODE	[M]
D6455	B0JCMG000016	DIODE	[M]
D6456	B0JCMG000016	DIODE	[M]
D6475	B0ACEM000009	DIODE	[M]
D6476	B0ACEM000009	DIODE	[M]
D6601	B0ACCK000005	DIODE	[M]
D6603	B0ACCK000005	DIODE	[M]
D6723	B0ACCK000005	DIODE	[M]
D6801	B0ACCE000003	DIODE	[M]
D6802	B0ACCE000003	DIODE	[M]
D6803	B0JCCE000002	DIODE	[M]
D6811	B0ACCK000005	DIODE	[M]
D6812	B0ACCK000005	DIODE	[M]
D6813	B0ACCK000005	DIODE	[M]
D6814	MAZ80560ML	DIODE	[M]
D6828	B0ACCK000005	DIODE	[M]
D6830	B0ACCK000005	DIODE	[M]
D6833	B0ACCK000005	DIODE	[M]
D6837	B0ACCK000005	DIODE	[M]
D6851	B0ACCK000005	DIODE	[M]
D6852	B0ACCK000005	DIODE	[M]
D6856	B0ACCK000005	DIODE	[M]
D6861	B0ACCK000005	DIODE	[M]
D6862	B0ACCK000005	DIODE	[M]
D6872	MAZ80390LL	DIODE	[M]
D6901	B0ACCK000005	DIODE	[M]
D6920	B0ACCK000005	DIODE	[M]
D6922	B0ACCK000005	DIODE	[M]
D6941	B0ACCK000005	DIODE	[M]
D6942	B0ACCK000005	DIODE	[M]
D6952	B0ECKP000002	DIODE	[M]
DZ701	ERZV10V511CS	ZENER	[M] ⚠
		VARIABLE RESISTORS	
VR901	K9AA012A0004	VR INPUT SELECTOR	[M]
VR981	EVEKD2F3024B	VR VOLUME JOG	[M]
VA1	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2	EZJZ0V80008B	CHIP VARISTOR	[M]
VA3	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2006	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2007	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2008	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2009	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2010	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2011	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2012	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2013	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2015	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2016	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2017	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2018	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2019	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2020	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2021	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2022	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2023	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2024	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2025	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2026	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2027	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2028	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2106	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2107	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2108	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2109	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2110	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2111	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2112	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2113	EZAEG2A50AX	ESD SUPRESSOR	[M]
VA2115	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2116	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2117	EZJZ0V80008B	CHIP VARISTOR	[M]
VA2118	EZJZ0V80008B	CHIP VARISTOR	[M]
		SWITCHES	
S901	EVQ21405RJ	SW POWER	[M]
S902	EVQ21405RJ	SW SPEAKER A	[M]
S903	EVQ21405RJ	SW TUNE DOWN	[M]
S904	EVQ21405RJ	SW TUNE UP	[M]
S905	EVQ21405RJ	SW SPEAKER B	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
S906	EVQ21405RJ	SW MENU/SETUP	[M]
S907	EVQ21405RJ	SW ENTER	[M]
S908	EVQ21405RJ	SW MULTI CH/SURROUND	[M]
		CONNECTORS	
CN1001	K1MN14AA0046	14P FFC CONNECTOR	[M]
CN1002	K1KA12BA0059	12P CONNECTOR	[M]
CN1003	K1KA06BA0047	6P CONNECTOR	[M]
CN1004	K1KB26A00044	26P CONNECTOR	[M]
CN1005	K1MN12AA0046	12P FFC CONNECTOR	[M]
CN2001	K1MY10AA0021	10P CONNECTOR	[M]
CN2002	K1MY10AA0021	10P CONNECTOR	[M]
CN2201	K1MN12AA0046	12P FFC CONNECTOR	[M]
CN2202	K1MN15AA0046	15P FFC CONNECTOR	[M]
PA951	K1MN23B00024	23P FFC CONNECTOR	[M]
PA6501	K1MN19A00027	19P CONNECTOR	[M]
PB605	K1MN21A00031	21P CONNECTOR	[M]
PB951	K1MN23AA0004	23P FFC CONNECTOR	[M]
PB6501	K1MN19A00027	19P CONNECTOR	[M]
PB6903	K1MN15A00049	15P P1 FFC CONNECTOR	[M]
P101	K1KA11AA0031	11P CONNECTOR	[M]
P302	K1MN14BA0004	14P CONNECTOR	[M]
P305	K1KA06A00452	6P CONNECTOR	[M]
P401	K1MP08A00003	8P CONNECTOR	[M]
P403	K1KA05AA0193	5P CONNECTOR	[M]
P451	K1MP11A00002	11P CONNECTOR	[M]
P452	K1MN17AA0004	17P CONNECTOR	[M]
P601	K1MP08A00003	8P CONNECTOR	[M]
P603	K1MP06A00008	6P CONNECTOR	[M]
P604	K1MP07A00002	7P CONNECTOR	[M]
P605	K1MN21A00031	21P CONNECTOR	[M]
P606	K1MP10A00007	10P CONNECTOR	[M]
P701	K2AB2B000010	JK INLET/OUTLET	[M] ⚠
P903	K1MP07A00002	7P CONNECTOR	[M]
P906	K1KA26A00089	26P TKC CONNECTOR	[M]
P906	K1KA03AA0193	3P CONNECTOR	[M]
P6801	K1MY10AA0021	10P CONNECTOR	[M]
P6901	K1MY10AA0021	10P CONNECTOR	[M]
PC701	B3QAZ0000062	IC PHOTO COUPLE	[M] ⚠
PC721	B3QAZ0000062	IC PHOTO COUPLE	[M] ⚠
		THERMISTOR	
TH701	D4CAA2R20001	THERMISTOR	[M] ⚠
TH702	D4CA33030001	THERMISTOR	[M] ⚠
TH6101	D4CA33030001	THERMISTOR	[M] ⚠
		COILS & TRANSFORMERS	
L101	G0A200D00002	RF CHOKE COIL	[M]
L302	J0JBC0000033	CHIP INDUCTOR	[M]
L303	J0JBC0000033	CHIP INDUCTOR	[M]
L304	J0JBC0000033	CHIP INDUCTOR	[M]
L305	J0JBC0000033	CHIP INDUCTOR	[M]
L306	J0JBC0000033	CHIP INDUCTOR	[M]
L307	J0JBC0000033	CHIP INDUCTOR	[M]
L309	J0JBC0000033	CHIP INDUCTOR	[M]
L310	J0JBC0000033	CHIP INDUCTOR	[M]
L311	J0JBC0000033	CHIP INDUCTOR	[M]
L312	J0JBC0000033	CHIP INDUCTOR	[M]
L313	J0JBC0000033	CHIP INDUCTOR	[M]
L314	J0JBC0000033	CHIP INDUCTOR	[M]
L315	J0JBC0000033	CHIP INDUCTOR	[M]
L491	ERJ6GEY0R00V	CHIP JUMPER	[M]
L492	ERJ6GEY0R00V	CHIP JUMPER	[M]
L493	ERJ6GEY0R00V	CHIP JUMPER	[M]
L494	ERJ6GEY0R00V	CHIP JUMPER	[M]
L496	G1C1R0MA0061	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L499	G1C1R0MA0061	CHIP INDUCTOR	[M]
L701	ELF18N067E	COMMON MODE COIL	[M] ⚠
L702	ELF21N024E	LINE FILTER COIL	[M] ⚠
L703	ELF21N024E	LINE FILTER COIL	[M] ⚠
L732	G0A100HA0023	COIL	[M]
L733	G0A100HA0023	COIL	[M]
L734	G0A200D00002	RF CHOKE COIL	[M]
L741	G0A200D00002	RF CHOKE COIL	[M]
L742	G0A200D00002	RF CHOKE COIL	[M]
L901	J0JBC0000014	CHIP COIL	[M]
L902	J0JBC0000014	CHIP COIL	[M]
L903	J0JBC0000014	CHIP COIL	[M]
L904	J0JBC0000014	CHIP COIL	[M]
L905	J0JBC0000014	CHIP COIL	[M]
L906	J0JBC0000014	CHIP COIL	[M]
L907	J0JBC0000014	CHIP COIL	[M]
L908	J0JBC0000014	CHIP COIL	[M]
L909	J0JBC0000014	CHIP COIL	[M]
L910	J0JBC0000014	CHIP COIL	[M]
L911	J0JBC0000014	CHIP COIL	[M]
L912	ERJ3GEY0R00V	CHIP JUMPER	[M]
L913	J0JBC0000014	CHIP COIL	[M]
L914	J0JBC0000014	CHIP COIL	[M]
L915	J0JBC0000014	CHIP COIL	[M]
L916	J0JBC0000014	CHIP COIL	[M]
L917	J0JBC0000014	CHIP COIL	[M]
L918	J0JBC0000014	CHIP COIL	[M]
L919	J0JBC0000014	CHIP COIL	[M]
L920	J0JBC0000033	CHIP INDUCTOR	[M]
L921	J0JBC0000033	CHIP INDUCTOR	[M]
L922	J0JBC0000033	CHIP INDUCTOR	[M]
L923	J0JBC0000014	CHIP COIL	[M]
L997	J0JBC0000014	CHIP COIL	[M]
L998	J0JBC0000014	CHIP COIL	[M]
L999	J0JBC0000014	CHIP COIL	[M]
L2010	J0MAB0000170	CHIP MODE FILTER	[M]
L2011	J0MAB0000170	CHIP MODE FILTER	[M]
L2012	J0MAB0000170	CHIP MODE FILTER	[M]
L2013	J0MAB0000170	CHIP MODE FILTER	[M]
L2014	J0MAB0000170	CHIP MODE FILTER	[M]
L2015	J0MAB0000170	CHIP MODE FILTER	[M]
L2016	J0MAB0000170	CHIP MODE FILTER	[M]
L2017	J0MAB0000170	CHIP MODE FILTER	[M]
L2101	J0MAB0000170	CHIP MODE FILTER	[M]
L2102	J0MAB0000170	CHIP MODE FILTER	[M]
L2103	J0MAB0000170	CHIP MODE FILTER	[M]
L2104	J0MAB0000170	CHIP MODE FILTER	[M]
L6101	G0C7R0K00003	TROIDAL COIL	[M]
L6102	G0C7R0K00003	TROIDAL COIL	[M]
L6103	G0C50NZ00001	4T COIL	[M]
L6104	G0C50NZ00001	4T COIL	[M]
L6151	G0C7R0K00003	TROIDAL COIL	[M]
L6152	G0C7R0K00003	TROIDAL COIL	[M]
L6153	G0C50NZ00001	4T COIL	[M]
L6154	G0C50NZ00001	4T COIL	[M]
L6201	G0C7R0K00003	TROIDAL COIL	[M]
L6202	G0C7R0K00003	TROIDAL COIL	[M]
L6203	G0C50NZ00001	4T COIL	[M]
L6204	G0C50NZ00001	4T COIL	[M]
L6251	G0C7R0K00003	TROIDAL COIL	[M]
L6252	G0C7R0K00003	TROIDAL COIL	[M]
L6253	G0C50NZ00001	4T COIL	[M]
L6254	G0C50NZ00001	4T COIL	[M]
L6301	G0C7R0K00003	TROIDAL COIL	[M]
L6302	G0C7R0K00003	TROIDAL COIL	[M]
L6303	G0C50NZ00001	4T COIL	[M]
L6304	G0C50NZ00001	4T COIL	[M]
L6351	G0C7R0K00003	TROIDAL COIL	[M]
L6352	G0C7R0K00003	TROIDAL COIL	[M]
L6353	G0C50NZ00001	4T COIL	[M]
L6354	G0C50NZ00001	4T COIL	[M]
L6451	G0C7R0K00003	TROIDAL COIL	[M]
L6452	G0C7R0K00003	TROIDAL COIL	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L6453	G0C50NZ00001	4T COIL	[M]
L6454	G0C50NZ00001	4T COIL	[M]
L6801	G1C4R7MA0098	CHIP COIL	[M]
L6901	G1C4R7MA0098	CHIP COIL	[M]
LB1	J0JGC0000050	EMI FILTER	[M]
LB2	J0JHC0000107	INDUCTOR COIL	[M]
LB3	J0JBC0000014	CHIP COIL	[M]
LB4	J0JGC0000050	EMI FILTER	[M]
LB6	J0JHC0000107	INDUCTOR COIL	[M]
LB7	J0JHC0000107	INDUCTOR COIL	[M]
LB704	J0JKB0000020	EMI BEAD CORE	[M]
LB731	J0JKB0000020	EMI BEAD CORE	[M]
LB751	J0JBC0000014	CHIP COIL	[M]
LB752	J0JBC0000014	CHIP COIL	[M]
LB753	J0JBC0000014	CHIP COIL	[M]
LB754	J0JBC0000014	CHIP COIL	[M]
LB755	J0JBC0000014	CHIP COIL	[M]
LB1001	J0JCC0000119	FERRITE BEAD	[M]
LB1003	J0JHC0000021	CHIP COIL	[M]
LB1004	J0JCC0000119	FERRITE BEAD	[M]
LB1005	J0JHC0000021	CHIP COIL	[M]
LB1006	J0JHC0000021	CHIP COIL	[M]
LB1007	J0JHC0000021	CHIP COIL	[M]
LB1008	J0JHC0000021	CHIP COIL	[M]
LB1009	J0JCC0000119	FERRITE BEAD	[M]
LB1010	J0JCC0000119	FERRITE BEAD	[M]
LB1011	J0JHC0000021	CHIP COIL	[M]
LB1012	J0JHC0000021	CHIP COIL	[M]
LB1013	J0JHC0000021	CHIP COIL	[M]
LB1014	J0JHC0000021	CHIP COIL	[M]
LB1015	J0JHC0000021	CHIP COIL	[M]
LB2001	J0JCC0000119	FERRITE BEAD	[M]
LB2002	J0JCC0000119	FERRITE BEAD	[M]
LB2003	J0JCC0000119	FERRITE BEAD	[M]
LB2004	J0JCC0000119	FERRITE BEAD	[M]
LB2005	J0JCC0000119	FERRITE BEAD	[M]
LB2006	J0JCC0000119	FERRITE BEAD	[M]
LB2007	J0JCC0000119	FERRITE BEAD	[M]
LB2008	J0JCC0000119	FERRITE BEAD	[M]
LB2009	J0JHC0000021	CHIP COIL	[M]
LB2010	J0JHC0000021	CHIP COIL	[M]
LB2011	J0JHC0000021	CHIP COIL	[M]
LB2012	J0JHC0000021	CHIP COIL	[M]
LB2018	J0JCC0000077	CHIP INDUCTOR	[M]
LB2019	J0JCC0000077	CHIP INDUCTOR	[M]
LB2020	J0JCC0000077	CHIP INDUCTOR	[M]
LB2021	J0JCC0000077	CHIP INDUCTOR	[M]
LB2022	J0JCC0000077	CHIP INDUCTOR	[M]
LB2023	J0JCC0000077	CHIP INDUCTOR	[M]
LB2102	J0JCC0000119	FERRITE BEAD	[M]
LB2103	J0JCC0000119	FERRITE BEAD	[M]
LB2104	J0JCC0000119	FERRITE BEAD	[M]
LB2105	J0JCC0000119	FERRITE BEAD	[M]
LB2106	J0JHC0000021	CHIP COIL	[M]
LB2107	J0JHC0000021	CHIP COIL	[M]
LB2108	J0JHC0000021	CHIP COIL	[M]
LB2109	J0JHC0000021	CHIP COIL	[M]
LB2151	J0JHC0000021	CHIP COIL	[M]
LB2152	J0JHC0000021	CHIP COIL	[M]
LB2201	J0JHC0000012	CHIP JUMPER	[M]
LB2202	J0JHC0000012	CHIP JUMPER	[M]
LB2203	J0JHC0000012	CHIP JUMPER	[M]
LB2204	D0GB220JA007	CHIP RESISTOR	[M]
LB2205	J0JCC0000078	FERRITE BEAD	[M]
LB2206	J0JCC0000078	FERRITE BEAD	[M]
LB2208	J0JCC0000119	FERRITE BEAD	[M]
LB2212	J0JHC0000021	CHIP COIL	[M]
LB6001	J0JGC0000017	FERRITE BEAD	[M]
LB6701	J0JGC0000017	FERRITE BEAD	[M]
LB6702	J0JGC0000017	FERRITE BEAD	[M]
LB6801	J0JBC0000014	CHIP COIL	[M]
LB6802	J0JBC0000014	CHIP COIL	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
LB6803	J0JBC0000014	CHIP COIL	[M]
LB6804	J0JBC0000014	CHIP COIL	[M]
LB6805	J0JBC0000014	CHIP COIL	[M]
LB6806	J0JBC0000014	CHIP COIL	[M]
LB6807	J0JBC0000014	CHIP COIL	[M]
LB6808	J0JBC0000014	CHIP COIL	[M]
LB6809	J0JBC0000014	CHIP COIL	[M]
LB6810	J0JBC0000014	CHIP COIL	[M]
LB6811	J0JBC0000014	CHIP COIL	[M]
LB6812	J0JBC0000014	CHIP COIL	[M]
LB6813	J0JBC0000014	CHIP COIL	[M]
LB6815	J0JBC0000014	CHIP COIL	[M]
LB6816	J0JBC0000014	CHIP COIL	[M]
LB6817	J0JBC0000014	CHIP COIL	[M]
LB6818	J0JBC0000014	CHIP COIL	[M]
LB6819	J0JBC0000014	CHIP COIL	[M]
LB6821	J0JBC0000014	CHIP COIL	[M]
LB6822	J0JBC0000014	CHIP COIL	[M]
LB6823	J0JBC0000014	CHIP COIL	[M]
LB6914	J0JBC0000014	CHIP COIL	[M]
T701	ETS48AA185AD	SWITCHING TRANSFORME	[M]
T721	ETS25AD1P6AG	BACKUP SWITCHING TRA	[M]
T731	ETS28AU3B9AC	SUB SWITCHING TRANS	[M]
ZA701	EYF52BCY	FUSE CLIP	[M]
ZA702	EYF52BCY	FUSE CLIP	[M]
ZJ701	K9ZZ00001279	EARTH PLATE	[M]
ZJ903	REX1162-1	WIRE (BLACK)	[M]
ZJ981	REX1161-1	WIRE	[M]
ZJ999	REX1199	WIRE	[M]
HS701	RMY0316	POWER HEAT SINK	[M]
HS702	RXX0266-2	DD HEAT SINK UNIT	[M]
CNA781	K1KA05AA0083	5P CONNECTOR	[M]
		RELAY	
RY601	K6B2AGA00011	SPEAKER RELAY	[M]
RY602	K6B2AGA00011	SPEAKER RELAY	[M]
RY603	K6B2CGA00086	SPEAKER RELAY	[M]
RY604	K6B2CGA00086	SPEAKER RELAY	[M]
RY605	K6B2CGA00086	SPEAKER RELAY	[M]
RY606	K6B2CGA00086	SPEAKER RELAY	[M]
RY607	K6B2AGA00011	SPEAKER RELAY	[M]
RY608	K6B2CGA00086	SPEAKER RELAY	[M]
RY721	K6B1AEA00003	PC POWER RELAY	[M] ⚠
		OSCILLATORS	
X1	H0A451500001	CRYSTAL	[M]
X1001	H0J245500068	CRYSTAL OSCILLATOR	[M]
X1002	H0J240500023	CRYSTAL OSCILLATOR	[M]
X2001	H0J270500064	CRYSTAL	[M]
X2002	H0J122200002	CYRSTAL	[M]
X2003	H2D400400018	CHIP OSCILLATOR	[M]
X6801	H2D100500004	CHIP RESONATOR	[M]
X6901	H2D100500004	CHIP RESONATOR	[M]
		DISPLAY TUBE	
FL901	A2BB00000156	FL DISPLAY	[M]
		FUSE	
F1	K5D802AQ0001	FUSE	[M] ⚠
		FUSE PROTECTOR	
FP1	K1MN17BA0005	17P FFC CONNECTOR	[M]
FP3	K1MP03B00004	3P CONNECTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
		JACKS	
JK1	K1FA104B0047	JK XM CONNECTOR	[M]
JK301	K2HA306B0110	JK 2P RCA PIN	[M]
JK302	K2HA204B0174	JK 2P RCA PIN	[M]
JK303	K2HZ212B0003	JK S-VIDEO	[M]
JK304	K2HZ212B0003	JK S-VIDEO	[M]
JK305	K2HA306B0111	JK 2P RCA PIN	[M]
JK307	K2HA306B0111	JK 2P RCA PIN	[M]
JK308	K2HA306B0111	JK 2P RCA PIN	[M]
JK402	K2HA406B0031	JK 4P RCA PIN	[M]
JK403	K2HA406B0030	JK 4P RCA PIN	[M]
JK404	K2HA406B0030	JK 4P RCA PIN	[M]
JK405	K2HA204B0173	JK 2P RCA PIN	[M]
JK407	K2HA103B0032	JK 1P RCA PIN	[M]
JK409	B3RAB0000044	JK OPTICAL RECEIVER	[M]
JK410	B3RAB0000044	JK OPTICAL RECEIVER	[M]
JK412	K2HA204B0175	JK 2P RCA PIN	[M]
JK601	K4BB04B00007	JK SPEAKER	[M]
JK602	K4BB08B00004	JK 8P SPEAKER	[M]
JK603	K4BB06B00004	JK 6P SPEAKER	[M]
JK901	K2HA307A0006	JK 2 PIN	[M]
JK902	K1CB104A0018	JK CONNECTOR	[M]
JK903	K2HC1YYA0008	JK MIC	[M]
JK905	K2HB103J0070	JK HP (LF)	[M]
JK2001	K1FA119E0004	JK HDMI TERMINAL	[M]
JK2002	K1FA119E0004	JK HDMI TERMINAL	[M]
JK2003	K1FA119E0004	JK HDMI TERMINAL	[M]
		WIRE	
W101	ERJ3GEY0R00V	CHIP JUMPER	[M]
W102	ERJ3GEY0R00V	CHIP JUMPER	[M]
W103	ERJ3GEY0R00V	CHIP JUMPER	[M]
W248	ERJ3GEY0R00V	CHIP JUMPER	[M]
W249	ERJ6GEY0R00V	CHIP JUMPER	[M]
W250	ERJ8GEY0R00V	CHIP JUMPER	[M]
W372	ERJ3GEY0R00V	CHIP JUMPER	[M]
W373	ERJ3GEY0R00V	CHIP JUMPER	[M]
W374	ERJ3GEY0R00V	CHIP JUMPER	[M]
W375	ERJ8GEY0R00V	CHIP JUMPER	[M]
W376	ERJ8GEY0R00V	CHIP JUMPER	[M]
W377	ERJ8GEY0R00V	CHIP JUMPER	[M]
W379	ERJ3GEY0R00V	CHIP JUMPER	[M]
W381	ERJ3GEY0R00V	CHIP JUMPER	[M]
W383	ERJ6GEY0R00V	CHIP JUMPER	[M]
W384	ERJ3GEY0R00V	CHIP JUMPER	[M]
W385	ERJ3GEY0R00V	CHIP JUMPER	[M]
W386	ERJ3GEY0R00V	CHIP JUMPER	[M]
W387	ERJ3GEY0R00V	CHIP JUMPER	[M]
W388	ERJ3GEY0R00V	CHIP JUMPER	[M]
JW401	RWJ1808080SQ	8P WIRE	[M]
JW601	RWJ1808280SQ	8P (POWER-MAIN)	[M]
JW603	RWJ1806350SQ	6P WIRE (SP-AMP)	[M]
JW604	RWJ1807300SQ	7P WIRE (SP-AMP)	[M]
JW606	RWJ1810120SQ	10P (POWER-MAIN)	[M]
JW781	REXV0067	5P WIRE (POWER-HD)	[M]
JW903	RWJ1807140SQ	7P WIRE (PANEL-PWR)	[M]
JW905	REX1251	10P WIRE	[M]
JW906	REX1253	3P WIRE	[M]
JW1001	REX1193	6P WIRE	[M]
JW1004	REX1192	12P WIRE	[M]
JWA101	RWJ1811140SS	11P FLAT WIRE (JWB101)	[M]
JWA151	RWJ1803060SQ	3P FLAT WIRE	[M]
JWA901	RWJ1803140SS	3P WIRE (JWB901)	[M]
JWA902	RWJ1808140SS	8P FLAT WIRE(JWB902)	[M]
JWA906	RWJ1803080SS	3P WIRE (JWB906)	[M]
JWB304	RWJ1809120SS	9P FLAT WIRE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
		PACKING MATERIALS	
P1	RPG8110	PACKING CASE	[M]
P2	RPN1925	POLYFOAM	[M]
P3	VPF1122-1	POLYBAG	[M]
		ACCESSORIES	
A1	EUR7662YR0	REMOTE CONTROL	[M]
A1-1	UR76EC5903A	R/C BATTERY COVER	[M]
A2	K2CB2CB00018	AC CORD	[M] ⚠
A3	RQT8739-Y	O/I BOOK (En)	[M]
A4	RSA0006-L	FM ANTENNA WIRE	[M]
A5	RSA0037	AM LOOP ANTENA	[M]
A6	L0CBAB000123	CALIBRATION MIC	[M]
		RESISTORS	
R1	D0GB104JA007	100K 1/16W	[M]
R2	D0GB104JA007	100K 1/16W	[M]
R3	D0GB104JA007	100K 1/16W	[M]
R4	D0GB104JA007	100K 1/16W	[M]
R6	D0GB472JA007	4.7K 1/16W	[M]
R7	D0GB221JA041	220 1/16W	[M]
R8	ERJ3GEYJ103V	10K 1/16W	[M]
R9	D0GB101JA007	100 1/16W	[M]
R10	D0GB101JA007	100 1/16W	[M]
R11	ERJ3GEYJ102V	1K 1/16W	[M]
R12	ERJ3GEYJ102V	1K 1/16W	[M]
R13	ERJ3GEY0R00V	0 1/16W	[M]
R14	ERJ3GEY0R00V	0 1/16W	[M]
R15	D0GB470JA008	47 1/16W	[M]
R16	D0GB470JA008	47 1/16W	[M]
R17	D0GB470JA008	47 1/16W	[M]
R19	D0GB470JA008	47 1/16W	[M]
R20	D0GB470JA008	47 1/16W	[M]
R21	D0GB470JA008	47 1/16W	[M]
R22	D0GB470JA008	47 1/16W	[M]
R23	D0GB104JA007	100K 1/16W	[M]
R24	D0GB104JA007	100K 1/16W	[M]
R25	D0GB470JA008	47 1/16W	[M]
R26	D0GB470JA008	47 1/16W	[M]
R31	ERJ6GEYJ102V	1K 1/10W	[M]
R32	ERJ6GEYJ102V	1K 1/10W	[M]
R33	ERJ6GEYJ104V	100K 1/10W	[M]
R34	ERJ6GEYJ104V	100K 1/10W	[M]
R35	ERJ6GEYJ103V	10K 1/10W	[M]
R36	ERJ6GEYJ103V	10K 1/10W	[M]
R37	ERJ6GEYJ103V	10K 1/10W	[M]
R38	ERJ6GEYJ103V	10K 1/10W	[M]
R39	ERJ6GEYJ104V	100K 1/10W	[M]
R40	ERJ6GEYJ104V	100K 1/10W	[M]
R43	ERJ3GEY0R00V	0 1/16W	[M]
R44	ERJ3GEY0R00V	0 1/16W	[M]
R45	ERJ3GEY0R00V	0 1/16W	[M]
R46	ERJ3GEY0R00V	0 1/16W	[M]
R51	ERJ6GEYJ102V	1K 1/10W	[M]
R52	ERJ6GEYJ102V	1K 1/10W	[M]
R55	D0GB104JA007	100K 1/16W	[M]
R57	D0GB470JA008	47 1/16W	[M]
R58	D0GB470JA008	47 1/16W	[M]
R59	D0GB104JA007	100K 1/16W	[M]
R62	D0GB104JA007	100K 1/16W	[M]
R64	D0GB470JA008	47 1/16W	[M]
R65	D0GB104JA007	100K 1/16W	[M]
R66	ERJ3GEY0R00V	0 1/16W	[M]
R101	D0GB473JA007	47K 1/16W	[M]
R102	D0GB473JA007	47K 1/16W	[M]
R103	D0GB222JA007	2.2K 1/16W	[M]
R104	ERJ3GEYJ222V	2.2K 1/16W	[M]
R105	D0GB392JA007	3.9K 1/16W	[M]
R106	D0GB332JA007	3.3K 1/16W	[M]
R107	ERDS1FVJ560T	56 1/2W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R108	ERDS1FVJ560T	56 1/2W	[M]
R151	D0GB182JA007	1.8K 1/16W	[M]
R152	D0GB182JA007	1.8K 1/16W	[M]
R153	D0GB473JA007	47K 1/16W	[M]
R302	ERJ3GEYJ750V	75 1/16W	[M]
R303	ERJ3GEYJ750V	75 1/16W	[M]
R304	ERJ3GEYJ750V	75 1/16W	[M]
R305	ERJ3GEYJ103V	10K 1/16W	[M]
R306	D0GB104JA007	100K 1/16W	[M]
R307	ERJ3GEYJ750V	75 1/16W	[M]
R308	ERJ3GEYJ750V	75 1/16W	[M]
R309	ERJ3GEYJ103V	10K 1/16W	[M]
R310	D0GB104JA007	100K 1/16W	[M]
R311	ERJ3GEYJ750V	75 1/16W	[M]
R313	ERJ3GEYJ103V	10K 1/16W	[M]
R315	ERJ3GEYJ750V	75 1/16W	[M]
R316	ERJ3GEYJ750V	75 1/16W	[M]
R317	ERJ3GEYJ103V	10K 1/16W	[M]
R318	D0GB104JA007	100K 1/16W	[M]
R319	ERJ3GEYJ750V	75 1/16W	[M]
R320	ERJ3GEYJ750V	75 1/16W	[M]
R321	ERJ3GEYJ750V	75 1/16W	[M]
R322	ERJ3GEYJ750V	75 1/16W	[M]
R323	ERJ3GEYJ102V	1K 1/16W	[M]
R324	ERJ3GEYJ102V	1K 1/16W	[M]
R325	ERJ3GEYJ102V	1K 1/16W	[M]
R326	ERJ3GEYJ750V	75 1/16W	[M]
R327	ERJ3GEYJ750V	75 1/16W	[M]
R328	ERJ3GEYJ750V	75 1/16W	[M]
R329	ERJ3GEYJ103V	10K 1/16W	[M]
R330	ERJ3GEYJ750V	75 1/16W	[M]
R331	ERJ3GEYJ103V	10K 1/16W	[M]
R332	ERJ3GEYJ750V	75 1/16W	[M]
R333	ERJ3GEYJ103V	10K 1/16W	[M]
R334	ERJ3GEYJ750V	75 1/16W	[M]
R365	ERJ3GEYJ750V	75 1/16W	[M]
R385	ERJ3GEYJ750V	75 1/16W	[M]
R386	ERJ3GEYJ750V	75 1/16W	[M]
R387	ERJ3GEYJ750V	75 1/16W	[M]
R388	ERJ3GEYJ102V	1K 1/16W	[M]
R389	ERJ3GEYJ102V	1K 1/16W	[M]
R390	ERJ3GEYJ102V	1K 1/16W	[M]
R391	ERJ3GEYJ750V	75 1/16W	[M]
R392	ERJ3GEYJ750V	75 1/16W	[M]
R393	ERJ3GEYJ750V	75 1/16W	[M]
R394	ERJ3GEYJ750V	75 1/16W	[M]
R395	ERJ3GEYJ750V	75 1/16W	[M]
R396	ERJ3GEYJ750V	75 1/16W	[M]
R397	ERJ3GEYJ102V	1K 1/16W	[M]
R398	ERJ3GEYJ102V	1K 1/16W	[M]
R399	ERJ3GEYJ102V	1K 1/16W	[M]
R401	ERJ3GEYJ102V	1K 1/16W	[M]
R402	ERJ3GEYJ102V	1K 1/16W	[M]
R409	ERJ3GEYJ102V	1K 1/16W	[M]
R410	ERJ3GEYJ102V	1K 1/16W	[M]
R411	ERJ3GEYJ102V	1K 1/16W	[M]
R412	ERJ3GEYJ102V	1K 1/16W	[M]
R413	ERJ3GEYJ102V	1K 1/16W	[M]
R414	ERJ3GEYJ102V	1K 1/16W	[M]
R417	ERJ3GEYJ102V	1K 1/16W	[M]
R418	ERJ3GEYJ102V	1K 1/16W	[M]
R419	ERJ3GEYJ102V	1K 1/16W	[M]
R420	ERJ3GEYJ102V	1K 1/16W	[M]
R421	ERJ3GEYJ102V	1K 1/16W	[M]
R422	ERJ3GEYJ102V	1K 1/16W	[M]
R423	ERJ3GEYJ102V	1K 1/16W	[M]
R424	ERJ3GEYJ102V	1K 1/16W	[M]
R428	ERJ3GEYJ102V	1K 1/16W	[M]
R429	ERJ3GEYJ102V	1K 1/16W	[M]
R430	ERJ3GEYJ103V	10K 1/16W	[M]
R431	ERJ3GEYJ103V	10K 1/16W	[M]
R432	ERJ3GEYJ103V	10K 1/16W	[M]
R438	D0AF220JA039	22 1/4W	[M]
R439	D0AF220JA039	22 1/4W	[M]
R440	D0AF220JA039	22 1/4W	[M]
R441	D0AF220JA039	22 1/4W	[M]
R442	D0AF220JA039	22 1/4W	[M]
R443	D0GB182JA007	1.8K 1/16W	[M]
R444	D0GB182JA007	1.8K 1/16W	[M]
R491	D0GB470JA008	47 1/16W	[M]
R492	D0GB470JA008	47 1/16W	[M]
R494	ERJ3GEYJ103V	10K 1/16W	[M]
R495	ERJ3GEYJ103V	10K 1/16W	[M]
R496	D0GB100JA007	10 1/16W	[M]
R497	ERJ3GEYJ750V	75 1/16W	[M]
R498	D0GB100JA007	10 1/16W	[M]
R499	ERJ3GEYJ750V	75 1/16W	[M]
R501	ERJ3GEYJ102V	1K 1/16W	[M]
R502	ERJ3GEYJ102V	1K 1/16W	[M]
R503	D0GB104JA007	100K 1/16W	[M]
R504	D0GB104JA007	100K 1/16W	[M]
R506	D0GB473JA007	47K 1/16W	[M]
R507	D0GB473JA007	47K 1/16W	[M]
R508	D0GB332JA007	3.3K 1/16W	[M]
R509	D0GB332JA007	3.3K 1/16W	[M]
R510	D0GB182JA007	1.8K 1/16W	[M]
R511	D0GB182JA007	1.8K 1/16W	[M]
R512	ERJ3GEYJ113V	11K 1/16W	[M]
R513	ERJ3GEYJ113V	11K 1/16W	[M]
R514	D0GB472JA007	4.7K 1/16W	[M]
R515	D0GB472JA007	4.7K 1/16W	[M]
R516	ERJ3GEYJ103V	10K 1/16W	[M]
R517	ERJ3GEYJ103V	10K 1/16W	[M]
R518	ERJ3GEYJ103V	10K 1/16W	[M]
R519	ERJ3GEYJ103V	10K 1/16W	[M]
R520	ERJ3GEYJ103V	10K 1/16W	[M]
R521	ERJ3GEYJ103V	10K 1/16W	[M]
R522	ERJ3GEYJ102V	1K 1/16W	[M]
R523	ERJ3GEYJ102V	1K 1/16W	[M]
R524	D0GB104JA007	100K 1/16W	[M]
R525	D0GB104JA007	100K 1/16W	[M]
R526	D0GB473JA007	47K 1/16W	[M]
R527	D0GB473JA007	47K 1/16W	[M]
R528	D0GB332JA007	3.3K 1/16W	[M]
R529	D0GB332JA007	3.3K 1/16W	[M]
R530	D0GB182JA007	1.8K 1/16W	[M]
R531	D0GB182JA007	1.8K 1/16W	[M]
R532	ERJ3GEYJ113V	11K 1/16W	[M]
R533	ERJ3GEYJ113V	11K 1/16W	[M]
R534	D0GB472JA007	4.7K 1/16W	[M]
R535	D0GB472JA007	4.7K 1/16W	[M]
R536	ERJ3GEYJ103V	10K 1/16W	[M]
R537	ERJ3GEYJ103V	10K 1/16W	[M]
R538	ERJ3GEYJ103V	10K 1/16W	[M]
R539	ERJ3GEYJ103V	10K 1/16W	[M]
R540	ERJ3GEYJ103V	10K 1/16W	[M]
R541	ERJ3GEYJ103V	10K 1/16W	[M]
R542	ERJ3GEYJ102V	1K 1/16W	[M]
R543	ERJ3GEYJ102V	1K 1/16W	[M]
R544	D0GB104JA007	100K 1/16W	[M]
R545	D0GB104JA007	100K 1/16W	[M]
R546	D0GB473JA007	47K 1/16W	[M]
R547	D0GB473JA007	47K 1/16W	[M]
R548	D0GB332JA007	3.3K 1/16W	[M]
R549	D0GB332JA007	3.3K 1/16W	[M]
R550	D0GB182JA007	1.8K 1/16W	[M]
R551	D0GB182JA007	1.8K 1/16W	[M]
R552	ERJ3GEYJ113V	11K 1/16W	[M]
R553	ERJ3GEYJ113V	11K 1/16W	[M]
R554	D0GB472JA007	4.7K 1/16W	[M]
R555	D0GB472JA007	4.7K 1/16W	[M]
R556	ERJ3GEYJ103V	10K 1/16W	[M]
R557	ERJ3GEYJ103V	10K 1/16W	[M]
R558	ERJ3GEYJ103V	10K 1/16W	[M]
R559	ERJ3GEYJ103V	10K 1/16W	[M]
R560	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R561	ERJ3GEYJ103V	10K 1/16W	[M]
R576	ERG3SJ470P	47 3W	[M]
R577	ERG3SJ470P	47 3W	[M]
R578	D0GB152JA007	1.5K 1/16W	[M]
R579	ERJ3GEYJ824V	820K 1/16W	[M]
R581	ERJ3GEYJ564V	560K 1/16W	[M]
R582	D0GB222JA007	2.2K 1/16W	[M]
R583	D0GB104JA007	100K 1/16W	[M]
R590	ERJ3GEY0R00V	0 1/16W	[M]
R591	ERJ3GEYJ102V	1K 1/16W	[M]
R592	ERJ3GEYJ102V	1K 1/16W	[M]
R593	ERJ3GEYJ102V	1K 1/16W	[M]
R599	ERJ3GEY0R00V	0 1/16W	[M]
R604	ERJ3GEYJ103V	10K 1/16W	[M]
R605	ERJ3GEYJ103V	10K 1/16W	[M]
R701	ERC12UGK335D	3.3M 1/2W	[M] ⚠
R702	ERG2SJ333P	33K 2W	[M]
R703	ERDS2TJ681T	680 1/4W	[M]
R704	ERX2LJ68MP	2W 0.068	[M]
R705	ERX2LJ56MP	2W 0.056	[M]
R706	D0AE333JA048	33K 1/4W	[M]
R707	D0AE333JA048	33K 1/4W	[M]
R708	D0AE332JA048	3.3K 1/4W	[M]
R709	D0AE222JA048	2.2K 1/4W	[M]
R710	D0AE103JA048	10K 1/4W	[M]
R711	D0AE220JA048	22 1/4W	[M]
R712	D0AE272JA048	2.7K 1/4W	[M]
R713	ERD25FVJ151T	150 1/4W	[M]
R714	EROS2THF4701	47 1/4W	[M]
R715	EROS2THF1301	13 1/4W	[M]
R716	D0AE103JA048	10K 1/4W	[M]
R717	ERJ3EKF3902V	39 1/16W	[M]
R718	ERJ3EKF6802V	68 1/16W	[M]
R719	D0GB473JA007	47K 1/16W	[M]
R720	D0GB332JA007	3.3K 1/16W	[M]
R721	ERJ3EKF2550V	2.5M 1/16W	[M]
R722	ERJ3EKF2550V	2.5M 1/16W	[M]
R723	D0GB101JA007	100 1/16W	[M]
R724	D0GB101JA007	100 1/16W	[M]
R725	ERD25FVJ6R8T	6.8 1/4W	[M]
R726	D0AE332JA048	3.3K 1/4W	[M]
R727	D0AE102JA048	1K 1/4W	[M]
R729	D0AE223JA048	22K 1/4W	[M]
R730	D0GB472JA007	4.7K 1/16W	[M]
R731	ERDS1FVJ222T	2.2K 1/2W	[M]
R732	ERX2LJ56MP	0.056 2W	[M]
R733	ERJ3EKF6801V	68 1/16W	[M]
R734	ERJ3EKF4701V	47 1/16W	[M]
R735	D0GB154JA007	150K 1/16W	[M]
R736	ERJ3GEYJ102V	1K 1/16W	[M]
R737	ERJ3GEYJ103V	10K 1/16W	[M]
R738	D0GB683JA007	68K 1/16W	[M]
R739	D0GB823JA007	82K 1/16W	[M]
R740	ERJ3GEYJ682V	6.8K 1/16W	[M]
R741	D0GB101JA007	100 1/16W	[M]
R742	D0GB183JA007	18K 1/16W	[M]
R743	ERD25FVJ151T	150 1/4W	[M]
R745	D0GB153JA007	15K 1/16W	[M]
R746	D0GB683JA007	68K 1/16W	[M]
R747	D0GB124JA007	120K 1/16W	[M]
R749	D0GB222JA007	2.2K 1/16W	[M]
R750	D0GB473JA007	47K 1/16W	[M]
R755	D0GB221JA041	220 1/16W	[M]
R756	D0GB392JA007	3.9K 1/16W	[M]
R757	D0GB221JA041	220 1/16W	[M]
R758	ERJ3GEYJ102V	1K 1/16W	[M]
R759	ERJ3GEYJ102V	1K 1/16W	[M]
R761	D0GB333JA007	33K 1/16W	[M]
R762	D0GB152JA007	1.5K 1/16W	[M]
R763	D0GB152JA007	1.5K 1/16W	[M]
R764	ERJ3GEYJ682V	6.8K 1/16W	[M]
R765	ERJ3EKF2202V	22 1/16W	[M]
R766	ERJ3EKF1201V	12 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R767	ERJ3EKF1002V	10 1/16W	[M]
R771	D0AE220JA048	22 1/4W	[M]
R772	D0AE104JA048	100K 1/4W	[M]
R773	D0GB474JA041	470K 1/16W	[M]
R774	D0GB153JA007	15K 1/16W	[M]
R775	D0GB152JA007	1.5K 1/16W	[M]
R776	D0GB471JA007	470 1/16W	[M]
R798	D0GB473JA007	47K 1/16W	[M]
R799	D0GB101JA007	100 1/16W	[M]
R800	D0GB101JA007	100 1/16W	[M]
R881	D0GB332JA007	3.3K 1/16W	[M]
R883	D0GB332JA007	3.3K 1/16W	[M]
R887	D0GB332JA007	3.3K 1/16W	[M]
R888	D0GB332JA007	3.3K 1/16W	[M]
R889	D0GB332JA007	3.3K 1/16W	[M]
R901	ERJ3GEYJ102V	1K 1/16W	[M]
R902	ERJ3GEYJ102V	1K 1/16W	[M]
R903	ERJ3GEYJ750V	75 1/16W	[M]
R904	ERJ3GEYJ103V	10K 1/16W	[M]
R905	ERJ3GEYJ750V	75 1/16W	[M]
R906	ERJ3GEYJ103V	10K 1/16W	[M]
R907	D0GB100JA007	10 1/16W	[M]
R908	ERJ3GEYJ150V	15 1/16W	[M]
R909	D0GB104JA007	100K 1/16W	[M]
R910	D0GB104JA007	100K 1/16W	[M]
R912	ERJ3GEYJ102V	1K 1/16W	[M]
R913	D0GB273JA007	27K 1/16W	[M]
R914	ERJ3GEYJ102V	1K 1/16W	[M]
R915	ERJ3GEYJ102V	1K 1/16W	[M]
R916	ERJ3GEYJ102V	1K 1/16W	[M]
R917	D0GB561JA007	560 1/16W	[M]
R918	D0GB104JA007	100K 1/16W	[M]
R919	ERJ3GEYJ750V	75 1/16W	[M]
R921	D0GB561JA007	560 1/16W	[M]
R922	D0GB561JA007	560 1/16W	[M]
R923	D0GB271JA007	270 1/16W	[M]
R924	D0GB151JA007	150 1/16W	[M]
R925	D0GB151JA007	150 1/16W	[M]
R926	D0GB151JA007	150 1/16W	[M]
R927	D0GB151JA007	150 1/16W	[M]
R928	D0GB561JA007	560 1/16W	[M]
R929	ERJ3GEYJ150V	15 1/16W	[M]
R930	ERJ3GEYJ150V	15 1/16W	[M]
R931	ERJ3GEYJ102V	1K 1/16W	[M]
R932	ERJ3GEYJ122V	1.2K 1/16W	[M]
R933	D0GB152JA007	1.5K 1/16W	[M]
R934	D0GB182JA007	1.8K 1/16W	[M]
R936	ERJ3GEYJ102V	1K 1/16W	[M]
R937	ERJ3GEYJ122V	1.2K 1/16W	[M]
R941	ERJ3GEYJ103V	10K 1/16W	[M]
R943	D0GB473JA007	47K 1/16W	[M]
R944	D0GB473JA007	47K 1/16W	[M]
R946	ERJ3GEY0R00V	0 1/16W	[M]
R947	ERJ3GEY0R00V	0 1/16W	[M]
R951	ERJ3GEY0R00V	0 1/16W	[M]
R952	ERJ3GEYJ202V	2K 1/16W	[M]
R953	D0GB153JA007	15K 1/16W	[M]
R954	D0GB332JA007	3.3K 1/16W	[M]
R955	D0GB332JA007	3.3K 1/16W	[M]
R956	D0GB104JA007	100K 1/16W	[M]
R957	ERJ3GEYJ822V	8.2K 1/16W	[M]
R958	D0GB333JA007	33K 1/16W	[M]
R959	D0GB332JA007	3.3K 1/16W	[M]
R960	ERJ3GEYJ682V	6.8K 1/16W	[M]
R961	ERJ3GEY0R00V	0 1/16W	[M]
R962	D0GB101JA007	100 1/16W	[M]
R981	D0GB271JA007	270 1/16W	[M]
R982	ERJ3GEYJ150V	15 1/16W	[M]
R983	ERJ3GEYJ150V	15 1/16W	[M]
R1001	ERJ3GEYJ681V	680 1/16W	[M]
R1002	ERJ3GEYJ103V	10K 1/16W	[M]
R1003	D0GB105JA007	1M 1/16W	[M]
R1004	D0GB105JA007	1M 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1005	D0GB101JA007	100 1/16W	[M]
R1006	D0GB101JA007	100 1/16W	[M]
R1007	D0GB101JA007	100 1/16W	[M]
R1008	D0GB101JA007	100 1/16W	[M]
R1009	D0GB101JA007	100 1/16W	[M]
R1010	D0GB101JA007	100 1/16W	[M]
R1011	D0GB101JA007	100 1/16W	[M]
R1012	D0GB101JA007	100 1/16W	[M]
R1013	D0GB101JA007	100 1/16W	[M]
R1014	D0GB101JA007	100 1/16W	[M]
R1015	D0GB101JA007	100 1/16W	[M]
R1016	D0GB101JA007	100 1/16W	[M]
R1017	D0GB101JA007	100 1/16W	[M]
R1018	D0GB101JA007	100 1/16W	[M]
R1019	D0GB101JA007	100 1/16W	[M]
R1020	D0GB101JA007	100 1/16W	[M]
R1021	D0GB101JA007	100 1/16W	[M]
R1022	D0GB101JA007	100 1/16W	[M]
R1023	D0GB101JA007	100 1/16W	[M]
R1024	D0GB101JA007	100 1/16W	[M]
R1025	D0GB101JA007	100 1/16W	[M]
R1026	D0GB101JA007	100 1/16W	[M]
R1027	D0GB101JA007	100 1/16W	[M]
R1028	D0GB101JA007	100 1/16W	[M]
R1029	D0GB101JA007	100 1/16W	[M]
R1030	D0GB101JA007	100 1/16W	[M]
R1031	D0GB101JA007	100 1/16W	[M]
R1032	D0GB471JA007	470 1/16W	[M]
R1033	D0GB330JA007	33 1/16W	[M]
R1034	D0GB330JA007	33 1/16W	[M]
R1035	D0GB470JA008	47 1/16W	[M]
R1036	D0GB470JA008	47 1/16W	[M]
R1037	D0GB470JA008	47 1/16W	[M]
R1038	D0GB470JA008	47 1/16W	[M]
R1039	D0GB330JA007	33 1/16W	[M]
R1040	D0GB330JA007	33 1/16W	[M]
R1041	D0GB330JA007	33 1/16W	[M]
R1042	D0GB470JA008	47 1/16W	[M]
R1043	D0GB470JA008	47 1/16W	[M]
R1044	D0GB470JA008	47 1/16W	[M]
R1045	D0GB470JA008	47 1/16W	[M]
R1046	D0GB330JA007	33 1/16W	[M]
R1047	D0GB330JA007	33 1/16W	[M]
R1048	ERJ3GEYJ103V	10K 1/16W	[M]
R1049	D0GB183JA007	18K 1/16W	[M]
R1050	D0GB470JA008	47 1/16W	[M]
R1051	D0GB471JA007	470 1/16W	[M]
R1052	D0GB471JA007	470 1/16W	[M]
R1053	D0GB470JA008	47 1/16W	[M]
R1054	D0GB330JA007	33 1/16W	[M]
R1055	D0GB330JA007	33 1/16W	[M]
R1056	D0GB330JA007	33 1/16W	[M]
R1057	D0GB330JA007	33 1/16W	[M]
R1058	ERJ3GEYJ103V	10K 1/16W	[M]
R1059	D0GB330JA007	33 1/16W	[M]
R1060	D0GB330JA007	33 1/16W	[M]
R1061	D0GB330JA007	33 1/16W	[M]
R1062	D0GB330JA007	33 1/16W	[M]
R1063	D0GB330JA007	33 1/16W	[M]
R1064	D0GB330JA007	33 1/16W	[M]
R1065	D0GB330JA007	33 1/16W	[M]
R1066	D0GB330JA007	33 1/16W	[M]
R1067	D0GB330JA007	33 1/16W	[M]
R1068	D0GB330JA007	33 1/16W	[M]
R1069	D0GB330JA007	33 1/16W	[M]
R1070	D0GB330JA007	33 1/16W	[M]
R1071	D0GB330JA007	33 1/16W	[M]
R1072	D0GB330JA007	33 1/16W	[M]
R1073	D0GB330JA007	33 1/16W	[M]
R1074	D0GB330JA007	33 1/16W	[M]
R1075	D0GB330JA007	33 1/16W	[M]
R1076	D0GB330JA007	33 1/16W	[M]
R1077	D0GB330JA007	33 1/16W	[M]
R1078	D0GB330JA007	33 1/16W	[M]
R1079	D0GB330JA007	33 1/16W	[M]
R1080	D0GB330JA007	33 1/16W	[M]
R1081	D0GB330JA007	33 1/16W	[M]
R1082	D0GB330JA007	33 1/16W	[M]
R1083	D0GB330JA007	33 1/16W	[M]
R1084	D0GB330JA007	33 1/16W	[M]
R1085	D0GB330JA007	33 1/16W	[M]
R1086	ERJ3GEYJ103V	10K 1/16W	[M]
R1087	D0GB330JA007	33 1/16W	[M]
R1088	D0GB330JA007	33 1/16W	[M]
R1089	D0GB330JA007	33 1/16W	[M]
R1090	D0GB330JA007	33 1/16W	[M]
R1091	D0GB330JA007	33 1/16W	[M]
R1092	D0GB330JA007	33 1/16W	[M]
R1093	D0GB330JA007	33 1/16W	[M]
R1094	D0GB101JA007	100 1/16W	[M]
R1097	D0GB104JA007	100K 1/16W	[M]
R1098	D0GB471JA007	470 1/16W	[M]
R1099	D0GB330JA007	33 1/16W	[M]
R1100	D0GB330JA007	33 1/16W	[M]
R1101	D0GB101JA007	100 1/16W	[M]
R1102	D0GB101JA007	100 1/16W	[M]
R1105	D0GB680JA007	68 1/16W	[M]
R1106	D0GB680JA007	68 1/16W	[M]
R1107	D0GB680JA007	68 1/16W	[M]
R1108	D0GB680JA007	68 1/16W	[M]
R1109	D0GB680JA007	68 1/16W	[M]
R1110	D0GB680JA007	68 1/16W	[M]
R1111	D0GB680JA007	68 1/16W	[M]
R2000	ERJ3GEY0R00V	0 1/16W	[M]
R2033	D0GB183JA007	18K 1/16W	[M]
R2034	ERJ3GEYJ103V	10K 1/16W	[M]
R2036	D0GB105JA007	1M 1/16W	[M]
R2037	D0GB471JA007	470 1/16W	[M]
R2038	D0GB472JA007	4.7K 1/16W	[M]
R2039	D0GB473JA007	47K 1/16W	[M]
R2040	D0GB182JA007	1.8K 1/16W	[M]
R2041	D0GB182JA007	1.8K 1/16W	[M]
R2042	ERJ3GEYJ103V	10K 1/16W	[M]
R2043	D0GB183JA007	18K 1/16W	[M]
R2044	D0GB101JA007	100 1/16W	[M]
R2045	ERJ3GEYJ102V	1K 1/16W	[M]
R2048	ERJ3GEYJ473V	47K 1/16W	[M]
R2049	ERJ3GEYJ823V	82K 1/16W	[M]
R2050	ERJ3GEYJ103V	10K 1/16W	[M]
R2051	ERJ3GEYJ103V	10K 1/16W	[M]
R2052	D0GB472JA007	4.7K 1/16W	[M]
R2053	D0GB472JA007	4.7K 1/16W	[M]
R2054	ERJ3GEYJ102V	1K 1/16W	[M]
R2063	ERJ3GEYJ102V	1K 1/16W	[M]
R2064	D0GB470JA008	47 1/16W	[M]
R2065	D0GB470JA008	47 1/16W	[M]
R2066	ERJ3GEYJ103V	10K 1/16W	[M]
R2067	ERJ3GEYJ103V	10K 1/16W	[M]
R2068	ERJ3GEYJ103V	10K 1/16W	[M]
R2069	ERJ3GEYJ103V	10K 1/16W	[M]
R2078	ERJ3GEY0R00V	0 1/16W	[M]
R2079	ERJ3GEYJ103V	10K 1/16W	[M]
R2080	ERJ3GEYJ103V	10K 1/16W	[M]
R2081	ERJ3GEYJ103V	10K 1/16W	[M]
R2082	ERJ3GEYJ103V	10K 1/16W	[M]
R2083	ERJ3GEYJ103V	10K 1/16W	[M]
R2084	D0GB101JA007	100 1/16W	[M]
R2085	ERJ3GEYJ102V	1K 1/16W	[M]
R2086	ERJ3GEYJ823V	82K 1/16W	[M]
R2087	ERJ3GEYJ473V	47K 1/16W	[M]
R2088	ERJ3GEYJ103V	10K 1/16W	[M]
R2089	ERJ3GEYJ102V	1K 1/16W	[M]
R2091	D0GB472JA007	4.7K 1/16W	[M]
R2092	D0GB472JA007	4.7K 1/16W	[M]
R2093	D0GB470JA008	47 1/16W	[M]
R2094	D0GB470JA008	47 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2101	ERJ3GEYJ102V	1K 1/16W	[M]
R2102	D0GB182JA007	1.8K 1/16W	[M]
R2103	D0GB182JA007	1.8K 1/16W	[M]
R2104	ERJ3GEYJ103V	10K 1/16W	[M]
R2105	ERJ3GEYJ103V	10K 1/16W	[M]
R2106	D0GB472JA007	4.7K 1/16W	[M]
R2107	D1BB4220A006	4.2K 1/16W	[M]
R2108	D0GB101JA007	100 1/16W	[M]
R2109	D0GB101JA007	100 1/16W	[M]
R2111	ERJ3GEYJ102V	1K 1/16W	[M]
R2112	ERJ3GEYJ102V	1K 1/16W	[M]
R2113	D0GB472JA007	4.7K 1/16W	[M]
R2114	D0GB472JA007	4.7K 1/16W	[M]
R2115	D0GB473JA007	47K 1/16W	[M]
R2116	D0GB330JA007	33 1/16W	[M]
R2117	D0GB330JA007	33 1/16W	[M]
R2118	D0GB330JA007	33 1/16W	[M]
R2119	D0GB330JA007	33 1/16W	[M]
R2120	D0GB330JA007	33 1/16W	[M]
R2121	D0GB330JA007	33 1/16W	[M]
R2122	ERJ3GEYJ102V	1K 1/16W	[M]
R2123	ERJ3GEYJ103V	10K 1/16W	[M]
R2124	ERJ3GEYJ103V	10K 1/16W	[M]
R2151	D0GB472JA007	4.7K 1/16W	[M]
R2152	D0GB101JA007	100 1/16W	[M]
R2153	D0GB330JA007	33 1/16W	[M]
R2154	ERJ3GEYJ103V	10K 1/16W	[M]
R2155	D0GB472JA007	4.7K 1/16W	[M]
R2156	D0GB183JA007	18K 1/16W	[M]
R2157	D0GB471JA007	470 1/16W	[M]
R2158	D0GB330JA007	33 1/16W	[M]
R2159	D0GB101JA007	100 1/16W	[M]
R2160	D0GB330JA007	33 1/16W	[M]
R2161	D0GB104JA007	100K 1/16W	[M]
R2162	D0GB105JA007	1M 1/16W	[M]
R2163	D0GB471JA007	470 1/16W	[M]
R2201	D0GB182JA007	1.8K 1/16W	[M]
R2203	D0GB182JA007	1.8K 1/16W	[M]
R2205	D0GB182JA007	1.8K 1/16W	[M]
R2207	ERJ3GEYJ103V	10K 1/16W	[M]
R2208	D0GB473JA007	47K 1/16W	[M]
R2209	ERJ3GEYJ103V	10K 1/16W	[M]
R2210	D0GB101JA007	100 1/16W	[M]
R2211	D0GB101JA007	100 1/16W	[M]
R2212	D0GB101JA007	100 1/16W	[M]
R2213	D0GB101JA007	100 1/16W	[M]
R2216	D0GB472JA007	4.7K 1/16W	[M]
R2217	D0GB472JA007	4.7K 1/16W	[M]
R2218	ERJ3GEYJ102V	1K 1/16W	[M]
R2219	D0GB472JA007	4.7K 1/16W	[M]
R2220	D0GB472JA007	4.7K 1/16W	[M]
R2221	ERJ3GEYJ102V	1K 1/16W	[M]
R2222	D0GB101JA007	100 1/16W	[M]
R2223	D0GB101JA007	100 1/16W	[M]
R2224	ERJ3GEYJ103V	10K 1/16W	[M]
R2225	D0GB101JA007	100 1/16W	[M]
R2226	D0GB101JA007	100 1/16W	[M]
R2227	D0GB101JA007	100 1/16W	[M]
R2229	D0GB101JA007	100 1/16W	[M]
R2230	D0GB101JA007	100 1/16W	[M]
R2232	D0GB101JA007	100 1/16W	[M]
R2233	D0GB101JA007	100 1/16W	[M]
R2234	ERJ3GEYJ472V	4.7K 1/16W	[M]
R2235	ERJ3GEYJ472V	4.7K 1/16W	[M]
R2238	D0GB472JA007	4.7K 1/16W	[M]
R2239	D0GB271JA007	270 1/16W	[M]
R2240	D0GB101JA007	100 1/16W	[M]
R2241	D0GB101JA007	100 1/16W	[M]
R2242	D0GB101JA007	100 1/16W	[M]
R2243	D0GB101JA007	100 1/16W	[M]
R2244	D0GB151JA007	150 1/16W	[M]
R2245	D0GB151JA007	150 1/16W	[M]
R2246	D0GB101JA007	100 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2247	ERJ3GEYJ102V	1K 1/16W	[M]
R2248	D0GB101JA007	100 1/16W	[M]
R2249	D0GB101JA007	100 1/16W	[M]
R2250	D0GB101JA007	100 1/16W	[M]
R2251	D0GB101JA007	100 1/16W	[M]
R2252	D0GB101JA007	100 1/16W	[M]
R2253	D0GB101JA007	100 1/16W	[M]
R2254	D0GB101JA007	100 1/16W	[M]
R2255	D0GB224JA007	220K 1/16W	[M]
R2256	D0GB104JA007	100K 1/16W	[M]
R2257	D0GB273JA007	27K 1/16W	[M]
R2258	D0GB221JA041	220 1/16W	[M]
R2259	D0GB101JA007	100 1/16W	[M]
R2260	D0GB472JA007	4.7K 1/16W	[M]
R2261	D0GB473JA007	47K 1/16W	[M]
R2262	D0GB225JA007	2.2M 1/16W	[M]
R2263	D0GB104JA007	100K 1/16W	[M]
R2264	D0GB101JA007	100 1/16W	[M]
R2265	D0GB101JA007	100 1/16W	[M]
R2266	D0GB101JA007	100 1/16W	[M]
R2267	D0GB472JA007	4.7K 1/16W	[M]
R2268	D0GB472JA007	4.7K 1/16W	[M]
R2269	ERJ3GEYJ103V	10K 1/16W	[M]
R2270	ERJ3GEYJ104V	100K 1/16W	[M]
R2271	ERJ3GEYJ821V	820 1/16W	[M]
R2272	ERJ3GEYJ332V	3.3K 1/16W	[M]
R6000	D0GB333JA007	33K 1/16W	[M]
R6001	ERJ3GEYJ102V	1K 1/16W	[M]
R6002	ERJ3GEYJ102V	1K 1/16W	[M]
R6003	D0GB562JA007	5.6K 1/16W	[M]
R6004	D0GB562JA007	5.6K 1/16W	[M]
R6005	D0GB470JA008	47 1/16W	[M]
R6006	D0GB470JA008	47 1/16W	[M]
R6007	D0GB332JA007	3.3K 1/16W	[M]
R6008	D0GB332JA007	3.3K 1/16W	[M]
R6009	D0GB332JA007	3.3K 1/16W	[M]
R6010	D0GB332JA007	3.3K 1/16W	[M]
R6011	D0GB332JA007	3.3K 1/16W	[M]
R6012	D0GB332JA007	3.3K 1/16W	[M]
R6013	D0GB332JA007	3.3K 1/16W	[M]
R6014	D0GB332JA007	3.3K 1/16W	[M]
R6015	ERJ3GEYJ102V	1K 1/16W	[M]
R6016	ERJ3GEYJ102V	1K 1/16W	[M]
R6017	D0GB472JA007	4.7K 1/16W	[M]
R6018	D0GB472JA007	4.7K 1/16W	[M]
R6019	D0GB472JA007	4.7K 1/16W	[M]
R6020	D0GB472JA007	4.7K 1/16W	[M]
R6021	ERJ3GEYJ102V	1K 1/16W	[M]
R6022	ERJ3GEYJ102V	1K 1/16W	[M]
R6023	D0GB562JA007	5.6K 1/16W	[M]
R6024	D0GB562JA007	5.6K 1/16W	[M]
R6025	D0GB470JA008	47 1/16W	[M]
R6026	D0GB470JA008	47 1/16W	[M]
R6027	D0GB332JA007	3.3K 1/16W	[M]
R6028	D0GB332JA007	3.3K 1/16W	[M]
R6029	D0GB332JA007	3.3K 1/16W	[M]
R6030	D0GB332JA007	3.3K 1/16W	[M]
R6031	D0GB332JA007	3.3K 1/16W	[M]
R6032	D0GB332JA007	3.3K 1/16W	[M]
R6033	D0GB332JA007	3.3K 1/16W	[M]
R6034	D0GB332JA007	3.3K 1/16W	[M]
R6035	ERJ3GEYJ102V	1K 1/16W	[M]
R6036	ERJ3GEYJ102V	1K 1/16W	[M]
R6037	D0GB472JA007	4.7K 1/16W	[M]
R6038	D0GB472JA007	4.7K 1/16W	[M]
R6039	D0GB472JA007	4.7K 1/16W	[M]
R6040	D0GB472JA007	4.7K 1/16W	[M]
R6041	D0GB3R3JA007	3.3 1/16W	[M]
R6042	D0GB3R3JA007	3.3 1/16W	[M]
R6043	D0GB101JA007	100 1/16W	[M]
R6044	D0GB101JA007	100 1/16W	[M]
R6045	D0GB332JA007	3.3K 1/16W	[M]
R6046	D0GB332JA007	3.3K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6047	D0GB332JA007	3.3K 1/16W	[M]
R6048	D0GB332JA007	3.3K 1/16W	[M]
R6049	D0GB332JA007	3.3K 1/16W	[M]
R6050	D0GB332JA007	3.3K 1/16W	[M]
R6051	D0GB104JA007	100K 1/16W	[M]
R6052	D0GB104JA007	100K 1/16W	[M]
R6053	D0GB104JA007	100K 1/16W	[M]
R6054	D0GB104JA007	100K 1/16W	[M]
R6055	D0GB332JA007	3.3K 1/16W	[M]
R6056	D0GB332JA007	3.3K 1/16W	[M]
R6057	ERJ3GEYJ102V	1K 1/16W	[M]
R6058	ERJ3GEYJ102V	1K 1/16W	[M]
R6059	D0GB473JA007	47K 1/16W	[M]
R6060	D0GB473JA007	47K 1/16W	[M]
R6061	D0GB151JA007	150 1/16W	[M]
R6062	D0GB151JA007	150 1/16W	[M]
R6063	D0GB151JA007	150 1/16W	[M]
R6064	D0GB151JA007	150 1/16W	[M]
R6065	D0GB151JA007	150 1/16W	[M]
R6066	D0GB151JA007	150 1/16W	[M]
R6067	D0GB151JA007	150 1/16W	[M]
R6068	D0GB151JA007	150 1/16W	[M]
R6069	D0GB151JA007	150 1/16W	[M]
R6070	D0GB151JA007	150 1/16W	[M]
R6071	D0GB151JA007	150 1/16W	[M]
R6072	D0GB151JA007	150 1/16W	[M]
R6073	ERJ3GEYJ102V	1K 1/16W	[M]
R6074	ERJ3GEYJ102V	1K 1/16W	[M]
R6075	ERJ3GEYJ102V	1K 1/16W	[M]
R6076	ERJ3GEYJ102V	1K 1/16W	[M]
R6077	ERJ3GEYJ103V	10K 1/16W	[M]
R6078	D0GB104JA007	100K 1/16W	[M]
R6079	ERJ3GEYJ103V	10K 1/16W	[M]
R6080	D0GB473JA007	47K 1/16W	[M]
R6081	D0GB562JA007	5.6K 1/16W	[M]
R6082	D0GB562JA007	5.6K 1/16W	[M]
R6083	D0GB223JA007	22K 1/16W	[M]
R6084	D0GB223JA007	22K 1/16W	[M]
R6085	D0GB223JA007	22K 1/16W	[M]
R6086	D0GB223JA007	22K 1/16W	[M]
R6087	D0GB101JA007	100 1/16W	[M]
R6088	D0GB104JA007	100K 1/16W	[M]
R6089	D0GB3R3JA007	3.3 1/16W	[M]
R6090	D0GB104JA007	100K 1/16W	[M]
R6091	ERJ3GEYJ103V	10K 1/16W	[M]
R6092	ERJ3GEYJ103V	10K 1/16W	[M]
R6093	ERJ3GEYJ103V	10K 1/16W	[M]
R6094	D0GB223JA007	22K 1/16W	[M]
R6095	D0GB473JA007	47K 1/16W	[M]
R6096	ERJ3GEYJ102V	1K 1/16W	[M]
R6097	ERJ3GEYJ102V	1K 1/16W	[M]
R6098	ERJ3GEYJ102V	1K 1/16W	[M]
R6099	ERJ3GEYJ102V	1K 1/16W	[M]
R6101	D0GB1R0JA007	1 1/16W	[M]
R6102	D0GB1R0JA007	1 1/16W	[M]
R6103	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6104	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6105	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6106	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6107	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6108	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6109	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6110	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6112	ERJ14YJ472U	4.7K 1/4W	[M]
R6114	ERJ14YJ472U	4.7K 1/4W	[M]
R6115	D0GB4R7JA007	4.7 1/16W	[M]
R6116	D0GB4R7JA007	4.7 1/16W	[M]
R6117	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6118	D0GB1R0JA007	1 1/16W	[M]
R6119	ERJ3GEY0R00V	0 1/16W	[M]
R6121	D0GB224JA007	220K 1/16W	[M]
R6122	D0GB224JA007	220K 1/16W	[M]
R6123	D0GB223JA007	22K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6124	D0GB223JA007	22K 1/16W	[M]
R6125	ERJ3GEYJ103V	10K 1/16W	[M]
R6127	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6129	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6131	D0GB3R3JA007	3.3 1/16W	[M]
R6132	D0GB3R3JA007	3.3 1/16W	[M]
R6133	D0GB473JA007	47K 1/16W	[M]
R6134	D0GB683JA007	68K 1/16W	[M]
R6135	D0GB473JA007	47K 1/16W	[M]
R6136	D0GB683JA007	68K 1/16W	[M]
R6137	D0GB105JA007	1M 1/16W	[M]
R6138	D0GB125JA007	1.2M 1/16W	[M]
R6139	D0GB105JA007	1M 1/16W	[M]
R6140	D0GB125JA007	1.2M 1/16W	[M]
R6141	ERJ3GEYJ682V	6.8K 1/16W	[M]
R6142	D0GB3R3JA007	3.3 1/16W	[M]
R6151	D0GB1R0JA007	1 1/16W	[M]
R6152	D0GB1R0JA007	1 1/16W	[M]
R6153	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6154	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6155	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6156	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6157	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6158	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6159	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6160	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6162	ERJ14YJ472U	4.7K 1/4W	[M]
R6164	ERJ14YJ472U	4.7K 1/4W	[M]
R6165	D0GB4R7JA007	4.7 1/16W	[M]
R6166	D0GB4R7JA007	4.7 1/16W	[M]
R6167	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6168	D0GB1R0JA007	1 1/16W	[M]
R6171	D0GB224JA007	220K 1/16W	[M]
R6172	D0GB224JA007	220K 1/16W	[M]
R6173	D0GB223JA007	22K 1/16W	[M]
R6174	D0GB223JA007	22K 1/16W	[M]
R6175	ERJ3GEYJ103V	10K 1/16W	[M]
R6177	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6179	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6199	D0GB1R0JA007	1 1/16W	[M]
R6201	D0GB1R0JA007	1 1/16W	[M]
R6202	D0GB1R0JA007	1 1/16W	[M]
R6203	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6204	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6205	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6206	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6207	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6208	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6209	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6210	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6212	ERJ14YJ472U	4.7K 1/4W	[M]
R6214	ERJ14YJ472U	4.7K 1/4W	[M]
R6215	D0GB4R7JA007	4.7 1/16W	[M]
R6216	D0GB4R7JA007	4.7 1/16W	[M]
R6217	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6218	D0GB1R0JA007	1 1/16W	[M]
R6219	ERJ3GEY0R00V	0 1/16W	[M]
R6221	D0GB224JA007	220K 1/16W	[M]
R6222	D0GB224JA007	220K 1/16W	[M]
R6223	D0GB223JA007	22K 1/16W	[M]
R6224	D0GB223JA007	22K 1/16W	[M]
R6225	ERJ3GEYJ103V	10K 1/16W	[M]
R6227	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6229	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6231	D0GB3R3JA007	3.3 1/16W	[M]
R6232	D0GB3R3JA007	3.3 1/16W	[M]
R6233	D0GB473JA007	47K 1/16W	[M]
R6234	D0GB683JA007	68K 1/16W	[M]
R6235	D0GB473JA007	47K 1/16W	[M]
R6236	D0GB683JA007	68K 1/16W	[M]
R6237	D0GB105JA007	1M 1/16W	[M]
R6238	D0GB125JA007	1.2M 1/16W	[M]
R6239	D0GB105JA007	1M 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6240	D0GB125JA007	1.2M 1/16W	[M]
R6241	D0GB562JA007	5.6K 1/16W	[M]
R6242	D0GB3R3JA007	3.3 1/16W	[M]
R6251	D0GB1R0JA007	1 1/16W	[M]
R6252	D0GB1R0JA007	1 1/16W	[M]
R6253	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6254	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6255	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6256	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6257	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6258	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6259	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6260	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6262	ERJ14YJ472U	4.7K 1/4W	[M]
R6264	ERJ14YJ472U	4.7K 1/4W	[M]
R6265	D0GB4R7JA007	4.7 1/16W	[M]
R6266	D0GB4R7JA007	4.7 1/16W	[M]
R6267	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6268	D0GB1R0JA007	1 1/16W	[M]
R6271	D0GB224JA007	220K 1/16W	[M]
R6272	D0GB224JA007	220K 1/16W	[M]
R6273	D0GB223JA007	22K 1/16W	[M]
R6274	D0GB223JA007	22K 1/16W	[M]
R6275	ERJ3GEYJ103V	10K 1/16W	[M]
R6277	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6279	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6301	D0GB1R0JA007	1 1/16W	[M]
R6302	D0GB1R0JA007	1 1/16W	[M]
R6303	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6304	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6305	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6306	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6307	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6308	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6309	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6310	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6312	ERJ14YJ472U	4.7K 1/4W	[M]
R6314	ERJ14YJ472U	4.7K 1/4W	[M]
R6315	D0GB4R7JA007	4.7 1/16W	[M]
R6316	D0GB4R7JA007	4.7 1/16W	[M]
R6317	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6318	D0GB1R0JA007	1 1/16W	[M]
R6319	ERJ3GEY0R00V	0 1/16W	[M]
R6321	D0GB224JA007	220K 1/16W	[M]
R6322	D0GB224JA007	220K 1/16W	[M]
R6323	D0GB223JA007	22K 1/16W	[M]
R6324	D0GB223JA007	22K 1/16W	[M]
R6325	ERJ3GEYJ103V	10K 1/16W	[M]
R6327	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6329	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6331	D0GB3R3JA007	3.3 1/16W	[M]
R6332	D0GB3R3JA007	3.3 1/16W	[M]
R6333	D0GB473JA007	47K 1/16W	[M]
R6334	D0GB683JA007	68K 1/16W	[M]
R6335	D0GB473JA007	47K 1/16W	[M]
R6336	D0GB683JA007	68K 1/16W	[M]
R6337	D0GB105JA007	1M 1/16W	[M]
R6338	D0GB125JA007	1.2M 1/16W	[M]
R6339	D0GB105JA007	1M 1/16W	[M]
R6340	D0GB125JA007	1.2M 1/16W	[M]
R6341	ERJ3GEYJ103V	10K 1/16W	[M]
R6351	D0GB1R0JA007	1 1/16W	[M]
R6352	D0GB1R0JA007	1 1/16W	[M]
R6353	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6354	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6355	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6356	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6357	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6358	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6359	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6360	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6362	ERJ14YJ472U	4.7K 1/4W	[M]
R6364	ERJ14YJ472U	4.7K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6365	D0GB4R7JA007	4.7 1/16W	[M]
R6366	D0GB4R7JA007	4.7 1/16W	[M]
R6367	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6368	D0GB1R0JA007	1 1/16W	[M]
R6371	D0GB224JA007	220K 1/16W	[M]
R6372	D0GB224JA007	220K 1/16W	[M]
R6373	D0GB223JA007	22K 1/16W	[M]
R6374	D0GB223JA007	22K 1/16W	[M]
R6375	ERJ3GEYJ103V	10K 1/16W	[M]
R6377	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6379	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6381	D0GB473JA007	47K 1/16W	[M]
R6382	D0GB473JA007	47K 1/16W	[M]
R6383	D0GB562JA007	5.6K 1/16W	[M]
R6384	D0GB562JA007	5.6K 1/16W	[M]
R6385	ERJ3GEYJ102V	1K 1/16W	[M]
R6386	ERJ3GEYJ102V	1K 1/16W	[M]
R6401	D0GB1R0JA007	1 1/16W	[M]
R6402	D0GB1R0JA007	1 1/16W	[M]
R6403	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6404	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6418	D0GB1R0JA007	1 1/16W	[M]
R6419	ERJ3GEY0R00V	0 1/16W	[M]
R6431	D0GB3R3JA007	3.3 1/16W	[M]
R6432	D0GB3R3JA007	3.3 1/16W	[M]
R6433	D0GB473JA007	47K 1/16W	[M]
R6434	D0GB683JA007	68K 1/16W	[M]
R6435	D0GB473JA007	47K 1/16W	[M]
R6436	D0GB683JA007	68K 1/16W	[M]
R6437	D0GB105JA007	1M 1/16W	[M]
R6438	D0GB125JA007	1.2M 1/16W	[M]
R6439	D0GB105JA007	1M 1/16W	[M]
R6440	D0GB125JA007	1.2M 1/16W	[M]
R6441	ERJ3GEYJ103V	10K 1/16W	[M]
R6451	D0GB1R0JA007	1 1/16W	[M]
R6452	D0GB1R0JA007	1 1/16W	[M]
R6453	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6454	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6455	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6456	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6457	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6458	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6459	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6460	ERJ8GEYJ2R7V	2.7 1/8W	[M]
R6462	ERJ14YJ472U	4.7K 1/4W	[M]
R6464	ERJ14YJ472U	4.7K 1/4W	[M]
R6465	D0GB4R7JA007	4.7 1/16W	[M]
R6466	D0GB4R7JA007	4.7 1/16W	[M]
R6467	ERJ6GEYJ3R3V	3.3 1/10W	[M]
R6468	D0GB1R0JA007	1 1/16W	[M]
R6471	D0GB224JA007	220K 1/16W	[M]
R6472	D0GB224JA007	220K 1/16W	[M]
R6473	D0GB223JA007	22K 1/16W	[M]
R6474	D0GB223JA007	22K 1/16W	[M]
R6475	ERJ3GEYJ103V	10K 1/16W	[M]
R6477	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6479	ERJ6GEYJ5R6V	5.6 1/10W	[M]
R6491	ERJ3GEYJ103V	10K 1/16W	[M]
R6493	ERJ3EKF3902V	39 1/16W	[M]
R6551	ERJ3GEYJ102V	1K 1/16W	[M]
R6552	ERJ3GEYJ102V	1K 1/16W	[M]
R6553	D0GB562JA007	5.6K 1/16W	[M]
R6554	D0GB562JA007	5.6K 1/16W	[M]
R6555	D0GB470JA008	47 1/16W	[M]
R6556	D0GB470JA008	47 1/16W	[M]
R6557	D0GB332JA007	3.3K 1/16W	[M]
R6558	D0GB332JA007	3.3K 1/16W	[M]
R6559	D0GB332JA007	3.3K 1/16W	[M]
R6560	D0GB332JA007	3.3K 1/16W	[M]
R6561	D0GB332JA007	3.3K 1/16W	[M]
R6562	D0GB332JA007	3.3K 1/16W	[M]
R6563	ERJ3GEYJ102V	1K 1/16W	[M]
R6564	ERJ3GEYJ102V	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6565	D0GB562JA007	5.6K 1/16W	[M]
R6566	D0GB562JA007	5.6K 1/16W	[M]
R6567	D0GB470JA008	47 1/16W	[M]
R6568	D0GB470JA008	47 1/16W	[M]
R6569	D0GB332JA007	3.3K 1/16W	[M]
R6570	D0GB332JA007	3.3K 1/16W	[M]
R6571	D0GB332JA007	3.3K 1/16W	[M]
R6572	D0GB332JA007	3.3K 1/16W	[M]
R6573	D0GB332JA007	3.3K 1/16W	[M]
R6574	D0GB332JA007	3.3K 1/16W	[M]
R6575	D0GB332JA007	3.3K 1/16W	[M]
R6576	D0GB332JA007	3.3K 1/16W	[M]
R6577	D0GB332JA007	3.3K 1/16W	[M]
R6578	D0GB332JA007	3.3K 1/16W	[M]
R6579	D0GB222JA007	2.2K 1/16W	[M]
R6580	D0GB222JA007	2.2K 1/16W	[M]
R6581	D0GB222JA007	2.2K 1/16W	[M]
R6582	D0GB222JA007	2.2K 1/16W	[M]
R6583	D0GB333JA007	33K 1/16W	[M]
R6584	D0GB333JA007	33K 1/16W	[M]
R6585	D0GB333JA007	33K 1/16W	[M]
R6586	D0GB333JA007	33K 1/16W	[M]
R6587	D0GB333JA007	33K 1/16W	[M]
R6588	D0GB333JA007	33K 1/16W	[M]
R6589	D0GB333JA007	33K 1/16W	[M]
R6590	D0GB333JA007	33K 1/16W	[M]
R6591	D0GB3R3JA007	3.3 1/16W	[M]
R6592	D0GB3R3JA007	3.3 1/16W	[M]
R6593	D0GB101JA007	100 1/16W	[M]
R6594	D0GB101JA007	100 1/16W	[M]
R6595	D0GB104JA007	100K 1/16W	[M]
R6596	D0GB104JA007	100K 1/16W	[M]
R6597	D0GB104JA007	100K 1/16W	[M]
R6598	D0GB104JA007	100K 1/16W	[M]
R6603	D0GB101JA007	100 1/16W	[M]
R6605	D0GB221JA041	220 1/16W	[M]
R6609	ERJ3GEYJ103V	10K 1/16W	[M]
R6611	ERJ3GEYJ103V	10K 1/16W	[M]
R6612	D0GB101JA007	100 1/16W	[M]
R6613	D0GB101JA007	100 1/16W	[M]
R6614	D0GB101JA007	100 1/16W	[M]
R6616	D0GB101JA007	100 1/16W	[M]
R6617	D0GB101JA007	100 1/16W	[M]
R6622	D0GB332JA007	3.3K 1/16W	[M]
R6623	D0GB332JA007	3.3K 1/16W	[M]
R6626	D0GB101JA007	100 1/16W	[M]
R6627	D0GB101JA007	100 1/16W	[M]
R6628	D0GB101JA007	100 1/16W	[M]
R6630	D0GB101JA007	100 1/16W	[M]
R6631	D0GB101JA007	100 1/16W	[M]
R6633	D0GB3R3JA007	3.3 1/16W	[M]
R6641	D0GB101JA007	100 1/16W	[M]
R6642	D0GB101JA007	100 1/16W	[M]
R6643	D0GB101JA007	100 1/16W	[M]
R6644	D0GB101JA007	100 1/16W	[M]
R6645	D0GB101JA007	100 1/16W	[M]
R6646	D0GB101JA007	100 1/16W	[M]
R6647	D0GB101JA007	100 1/16W	[M]
R6648	D0GB101JA007	100 1/16W	[M]
R6649	D0GB101JA007	100 1/16W	[M]
R6650	D0GB101JA007	100 1/16W	[M]
R6651	D0GB101JA007	100 1/16W	[M]
R6652	D0GB101JA007	100 1/16W	[M]
R6653	D0GB101JA007	100 1/16W	[M]
R6654	D0GB101JA007	100 1/16W	[M]
R6655	D0GB101JA007	100 1/16W	[M]
R6657	D0GB220JA007	22 1/16W	[M]
R6659	D0GB220JA007	22 1/16W	[M]
R6661	D0GB101JA007	100 1/16W	[M]
R6662	D0GB101JA007	100 1/16W	[M]
R6663	D0GB101JA007	100 1/16W	[M]
R6664	D0GB101JA007	100 1/16W	[M]
R6665	D0GB101JA007	100 1/16W	[M]
R6666	D0GB101JA007	100 1/16W	[M]
R6667	D0GB101JA007	100 1/16W	[M]
R6668	D0GB101JA007	100 1/16W	[M]
R6669	D0GB101JA007	100 1/16W	[M]
R6670	D0GB101JA007	100 1/16W	[M]
R6671	D0GB101JA007	100 1/16W	[M]
R6672	D0GB101JA007	100 1/16W	[M]
R6673	D0GB101JA007	100 1/16W	[M]
R6674	D0GB101JA007	100 1/16W	[M]
R6675	D0GB101JA007	100 1/16W	[M]
R6679	D0GB1R0JA007	1 1/16W	[M]
R6680	D0GB4R7JA007	4.7 1/16W	[M]
R6681	D0GB101JA007	100 1/16W	[M]
R6682	D0GB101JA007	100 1/16W	[M]
R6683	ERJ3GEYJ103V	10K 1/16W	[M]
R6684	ERJ3GEYJ103V	10K 1/16W	[M]
R6685	D0GB221JA041	220 1/16W	[M]
R6686	D0GB124JA007	120K 1/16W	[M]
R6687	ERJ3GEYJ103V	10K 1/16W	[M]
R6688	ERJ14YJ472U	4.7K 1/4W	[M]
R6689	ERJ14YJ472U	4.7K 1/4W	[M]
R6690	ERJ3GEYJ103V	10K 1/16W	[M]
R6691	D0GB224JA007	220K 1/16W	[M]
R6692	ERJ3GEYJ103V	10K 1/16W	[M]
R6693	D0GB473JA007	47K 1/16W	[M]
R6694	D0GB470JA008	47 1/16W	[M]
R6695	D0GB223JA007	22K 1/16W	[M]
R6696	D0GB474JA041	470K 1/16W	[M]
R6697	ERJ3EKF1002V	10 1/16W	[M]
R6698	ERJ3EKF1002V	10 1/16W	[M]
R6699	ERJ3EKF1002V	10 1/16W	[M]
R6703	D0GB101JA007	100 1/16W	[M]
R6705	D0GB221JA041	220 1/16W	[M]
R6712	D0GB101JA007	100 1/16W	[M]
R6713	D0GB101JA007	100 1/16W	[M]
R6714	D0GB101JA007	100 1/16W	[M]
R6716	D0GB101JA007	100 1/16W	[M]
R6717	D0GB101JA007	100 1/16W	[M]
R6722	ERJ3GEYJ103V	10K 1/16W	[M]
R6726	D0GB101JA007	100 1/16W	[M]
R6727	D0GB101JA007	100 1/16W	[M]
R6728	D0GB101JA007	100 1/16W	[M]
R6730	D0GB101JA007	100 1/16W	[M]
R6731	D0GB101JA007	100 1/16W	[M]
R6733	D0GB3R3JA007	3.3 1/16W	[M]
R6741	D0GB101JA007	100 1/16W	[M]
R6743	D0GB101JA007	100 1/16W	[M]
R6745	D0GB101JA007	100 1/16W	[M]
R6746	D0GB101JA007	100 1/16W	[M]
R6748	D0GB101JA007	100 1/16W	[M]
R6750	D0GB101JA007	100 1/16W	[M]
R6751	D0GB101JA007	100 1/16W	[M]
R6753	D0GB101JA007	100 1/16W	[M]
R6755	D0GB101JA007	100 1/16W	[M]
R6757	D0GB220JA007	22 1/16W	[M]
R6759	D0GB220JA007	22 1/16W	[M]
R6761	D0GB101JA007	100 1/16W	[M]
R6763	D0GB101JA007	100 1/16W	[M]
R6765	D0GB101JA007	100 1/16W	[M]
R6766	D0GB101JA007	100 1/16W	[M]
R6768	D0GB101JA007	100 1/16W	[M]
R6770	D0GB101JA007	100 1/16W	[M]
R6771	D0GB101JA007	100 1/16W	[M]
R6772	D0GB101JA007	100 1/16W	[M]
R6773	D0GB101JA007	100 1/16W	[M]
R6774	D0GB101JA007	100 1/16W	[M]
R6775	D0GB101JA007	100 1/16W	[M]
R6779	D0GB1R0JA007	1 1/16W	[M]
R6780	D0GB4R7JA007	4.7 1/16W	[M]
R6781	D0GB470JA008	47 1/16W	[M]
R6782	D0GB470JA008	47 1/16W	[M]
R6783	ERJ3GEYJ102V	1K 1/16W	[M]
R6784	ERJ3GEYJ102V	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6785	D0GB472JA007	4.7K 1/16W	[M]
R6786	ERJ3GEYJ103V	10K 1/16W	[M]
R6787	ERJ3GEYJ103V	10K 1/16W	[M]
R6788	ERJ3GEYJ103V	10K 1/16W	[M]
R6789	ERJ3GEYJ103V	10K 1/16W	[M]
R6790	ERJ3GEYJ103V	10K 1/16W	[M]
R6791	ERJ3GEYJ103V	10K 1/16W	[M]
R6792	D0GB470JA008	47 1/16W	[M]
R6793	D0GB470JA008	47 1/16W	[M]
R6794	D0GB221JA041	220 1/16W	[M]
R6795	D0GB470JA008	47 1/16W	[M]
R6796	D0GB470JA008	47 1/16W	[M]
R6797	D0GB470JA008	47 1/16W	[M]
R6798	D0GB470JA008	47 1/16W	[M]
R6799	ERJ3GEY0R00V	0 1/16W	[M]
R6800	D0GB104JA007	100K 1/16W	[M]
R6801	D0GB101JA007	100 1/16W	[M]
R6802	D0GB101JA007	100 1/16W	[M]
R6803	D0GB101JA007	100 1/16W	[M]
R6804	D0GB101JA007	100 1/16W	[M]
R6805	D0GB101JA007	100 1/16W	[M]
R6806	D0GB101JA007	100 1/16W	[M]
R6807	D0GB101JA007	100 1/16W	[M]
R6808	D0GB101JA007	100 1/16W	[M]
R6809	ERJ3GEYJ103V	10K 1/16W	[M]
R6810	D0GB473JA007	47K 1/16W	[M]
R6811	D0GB473JA007	47K 1/16W	[M]
R6812	D0GB104JA007	100K 1/16W	[M]
R6813	D0GB331JA007	330 1/16W	[M]
R6814	D0GB101JA007	100 1/16W	[M]
R6815	D0GB101JA007	100 1/16W	[M]
R6816	D0GB271JA007	270 1/16W	[M]
R6817	D0GB121JA007	120 1/16W	[M]
R6818	D0GB104JA007	100K 1/16W	[M]
R6819	D0GB472JA007	4.7K 1/16W	[M]
R6820	D0GB101JA007	100 1/16W	[M]
R6821	D0GB101JA007	100 1/16W	[M]
R6822	D0GB101JA007	100 1/16W	[M]
R6823	D0GB101JA007	100 1/16W	[M]
R6824	D0GB101JA007	100 1/16W	[M]
R6825	D0GB101JA007	100 1/16W	[M]
R6826	D0GB101JA007	100 1/16W	[M]
R6827	ERJ3GEYJ102V	1K 1/16W	[M]
R6828	D0GB101JA007	100 1/16W	[M]
R6829	ERJ3GEYJ102V	1K 1/16W	[M]
R6830	D0GB101JA007	100 1/16W	[M]
R6831	D0GB224JA007	220K 1/16W	[M]
R6832	D0GB222JA007	2.2K 1/16W	[M]
R6833	D0GB334JA007	330K 1/16W	[M]
R6834	D0GB224JA007	220K 1/16W	[M]
R6835	D0GB101JA007	100 1/16W	[M]
R6836	D0GB101JA007	100 1/16W	[M]
R6837	D0GB101JA007	100 1/16W	[M]
R6838	D0GB101JA007	100 1/16W	[M]
R6839	D0GB101JA007	100 1/16W	[M]
R6840	D0GB101JA007	100 1/16W	[M]
R6841	D0GB101JA007	100 1/16W	[M]
R6842	D0GB101JA007	100 1/16W	[M]
R6843	D0GB101JA007	100 1/16W	[M]
R6844	D0GB101JA007	100 1/16W	[M]
R6845	D0GB101JA007	100 1/16W	[M]
R6846	D0GB101JA007	100 1/16W	[M]
R6847	D0GB101JA007	100 1/16W	[M]
R6848	D0GB101JA007	100 1/16W	[M]
R6849	D0GB101JA007	100 1/16W	[M]
R6850	D0GB101JA007	100 1/16W	[M]
R6851	D0GB101JA007	100 1/16W	[M]
R6852	D0GB101JA007	100 1/16W	[M]
R6853	ERJ3GEYJ102V	1K 1/16W	[M]
R6854	ERJ3GEYJ102V	1K 1/16W	[M]
R6855	ERJ3GEYJ102V	1K 1/16W	[M]
R6856	ERJ3GEYJ103V	10K 1/16W	[M]
R6857	D0GB222JA007	2.2K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6858	D0GB334JA007	330K 1/16W	[M]
R6859	ERJ3GEYJ560V	56 1/16W	[M]
R6860	ERJ3GEYJ103V	10K 1/16W	[M]
R6861	ERJ3GEYJ103V	10K 1/16W	[M]
R6862	ERJ3GEYJ103V	10K 1/16W	[M]
R6863	D0GB223JA007	22K 1/16W	[M]
R6864	D0GB473JA007	47K 1/16W	[M]
R6865	D0GB101JA007	100 1/16W	[M]
R6866	D0GB101JA007	100 1/16W	[M]
R6867	D0GB101JA007	100 1/16W	[M]
R6868	D0GB101JA007	100 1/16W	[M]
R6869	D0GB101JA007	100 1/16W	[M]
R6870	D0GB562JA007	5.6K 1/16W	[M]
R6872	D0GB101JA007	100 1/16W	[M]
R6875	D0GB101JA007	100 1/16W	[M]
R6876	D0GB101JA007	100 1/16W	[M]
R6877	D0GB101JA007	100 1/16W	[M]
R6878	D0GB101JA007	100 1/16W	[M]
R6879	D0GB101JA007	100 1/16W	[M]
R6880	D0GB101JA007	100 1/16W	[M]
R6881	D0GB101JA007	100 1/16W	[M]
R6882	D0GB101JA007	100 1/16W	[M]
R6883	D0GB101JA007	100 1/16W	[M]
R6884	D0GB101JA007	100 1/16W	[M]
R6885	D0GB101JA007	100 1/16W	[M]
R6886	D0GB101JA007	100 1/16W	[M]
R6887	D0GB101JA007	100 1/16W	[M]
R6888	D0GB101JA007	100 1/16W	[M]
R6889	D0GB101JA007	100 1/16W	[M]
R6890	D0GB101JA007	100 1/16W	[M]
R6891	D0GB101JA007	100 1/16W	[M]
R6892	D0GB101JA007	100 1/16W	[M]
R6893	D0GB101JA007	100 1/16W	[M]
R6894	ERJ3GEYJ103V	10K 1/16W	[M]
R6895	ERJ3GEYJ103V	10K 1/16W	[M]
R6896	ERJ3GEYJ103V	10K 1/16W	[M]
R6897	ERJ3GEYJ103V	10K 1/16W	[M]
R6898	ERJ3GEYJ103V	10K 1/16W	[M]
R6899	D0GB334JA007	330K 1/16W	[M]
R6900	D0GB182JA007	1.8K 1/16W	[M]
R6901	ERJ3GEYJ122V	1.2K 1/16W	[M]
R6902	ERJ3GEYJ122V	1.2K 1/16W	[M]
R6903	D0GB101JA007	100 1/16W	[M]
R6904	D0GB470JA008	47 1/16W	[M]
R6905	D0GB470JA008	47 1/16W	[M]
R6906	D0GB470JA008	47 1/16W	[M]
R6907	D0GB470JA008	47 1/16W	[M]
R6908	D0GB470JA008	47 1/16W	[M]
R6909	ERJ3GEYJ103V	10K 1/16W	[M]
R6911	D0GB101JA007	100 1/16W	[M]
R6912	D0GB473JA007	47K 1/16W	[M]
R6913	D0GB331JA007	330 1/16W	[M]
R6914	ERJ3EKF1801V	18 1/16W	[M]
R6915	ERJ3EKF3900V	39 1/16W	[M]
R6916	ERJ3EKF1002V	10 1/16W	[M]
R6917	ERJ3GEYJ103V	10K 1/16W	[M]
R6918	D0GB470JA008	47 1/16W	[M]
R6919	D0GB470JA008	47 1/16W	[M]
R6920	D0GB470JA008	47 1/16W	[M]
R6921	D0GB470JA008	47 1/16W	[M]
R6922	D0GB470JA008	47 1/16W	[M]
R6923	D0GB470JA008	47 1/16W	[M]
R6924	D0GB470JA008	47 1/16W	[M]
R6926	ERJ3GEYJ102V	1K 1/16W	[M]
R6927	D0GB470JA008	47 1/16W	[M]
R6928	D0GB470JA008	47 1/16W	[M]
R6929	D0GB470JA008	47 1/16W	[M]
R6930	D0GB470JA008	47 1/16W	[M]
R6931	D0GB470JA008	47 1/16W	[M]
R6932	D0GB470JA008	47 1/16W	[M]
R6933	D0GB470JA008	47 1/16W	[M]
R6934	D0GB470JA008	47 1/16W	[M]
R6935	D0GB470JA008	47 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6936	D0GB470JA008	47 1/16W	[M]
R6937	D0GB470JA008	47 1/16W	[M]
R6938	D0GB470JA008	47 1/16W	[M]
R6939	D0GB470JA008	47 1/16W	[M]
R6940	D0GB470JA008	47 1/16W	[M]
R6941	D0GB470JA008	47 1/16W	[M]
R6942	D0GB470JA008	47 1/16W	[M]
R6944	D0GB470JA008	47 1/16W	[M]
R6945	D0GB470JA008	47 1/16W	[M]
R6946	D0GB470JA008	47 1/16W	[M]
R6947	D0GB470JA008	47 1/16W	[M]
R6948	ERJ3EKF2202V	22 1/16W	[M]
R6949	ERJ3EKF1201V	12 1/16W	[M]
R6950	ERJ3EKF1002V	10 1/16W	[M]
R6951	D0GB473JA007	47K 1/16W	[M]
R6952	D0GB473JA007	47K 1/16W	[M]
R6953	D0GB473JA007	47K 1/16W	[M]
R6954	ERJ3GEYJ103V	10K 1/16W	[M]
R6955	D0GB470JA008	47 1/16W	[M]
R6956	D0GB470JA008	47 1/16W	[M]
R6957	D0GB470JA008	47 1/16W	[M]
R6958	D0GB104JA007	100K 1/16W	[M]
R6959	D0GB474JA041	470K 1/16W	[M]
R6960	D0GB474JA041	470K 1/16W	[M]
R6961	D0GB473JA007	47K 1/16W	[M]
R6962	D0GB152JA007	1.5K 1/16W	[M]
R6963	D0GB1R0JA007	1 1/16W	[M]
R6964	D0GB152JA007	1.5K 1/16W	[M]
R6965	D0GB473JA007	47K 1/16W	[M]
R6966	D0GB473JA007	47K 1/16W	[M]
R6967	D0GB470JA008	47 1/16W	[M]
R6968	D0GB470JA008	47 1/16W	[M]
R6969	D0GB470JA008	47 1/16W	[M]
R6970	D0GB470JA008	47 1/16W	[M]
R6971	D0GB470JA008	47 1/16W	[M]
R6972	D0GB470JA008	47 1/16W	[M]
R6973	D0GB470JA008	47 1/16W	[M]
R6974	D0GB470JA008	47 1/16W	[M]
R6975	ERJ3GEYJ103V	10K 1/16W	[M]
R6976	D0GB470JA008	47 1/16W	[M]
R6977	ERJ3EKF1002V	10 1/16W	[M]
R6978	ERJ3EKF3902V	39 1/16W	[M]
R6979	ERJ3GEYJ392V	3.9K 1/16W	[M]
R6981	D0GB470JA008	47 1/16W	[M]
R6982	D0GB470JA008	47 1/16W	[M]
R6984	D0GB470JA008	47 1/16W	[M]
R6985	D0GB470JA008	47 1/16W	[M]
R6986	D0GB470JA008	47 1/16W	[M]
R6987	D0GB473JA007	47K 1/16W	[M]
R6988	D0GB470JA008	47 1/16W	[M]
R6989	D0GB470JA008	47 1/16W	[M]
R6990	D0GB470JA008	47 1/16W	[M]
R6991	D0GB470JA008	47 1/16W	[M]
R6992	D0GB470JA008	47 1/16W	[M]
R6993	D0GB470JA008	47 1/16W	[M]
R6994	D0GB470JA008	47 1/16W	[M]
R6995	D0GB470JA008	47 1/16W	[M]
R6996	D0GB470JA008	47 1/16W	[M]
R6997	ERJ3GEY0R00V	0 1/16W	[M]
R6998	ERJ3GEY0R00V	0 1/16W	[M]
RX2001	D1H83304A024	CHIP RESISTOR	[M]
RX2002	EXB2HV330JV	RESISTOR	[M]
RX2003	EXB2HV330JV	RESISTOR	[M]
RX2004	EXB2HV330JV	RESISTOR	[M]
K251	ERJ3GEY0R00V	CHIP JUMPER	[M]
K255	ERJ3GEY0R00V	CHIP JUMPER	[M]
K391	ERJ3GEY0R00V	CHIP JUMPER	[M]
K392	ERJ3GEY0R00V	CHIP JUMPER	[M]
K393	ERJ3GEY0R00V	CHIP JUMPER	[M]
K6001	ERJ3GEY0R00V	CHIP JUMPER	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
		CAPACITORS	
C1	ECJ1VB1H104K	0.1 50V	[M]
C2	ECJ1VB1H104K	0.1 50V	[M]
C3	ECJ1VB1H104K	0.1 50V	[M]
C4	ECJ1VB1H104K	0.1 50V	[M]
C5	ECJ1VB1H104K	0.1 50V	[M]
C6	ECJ1VC1H050C	5P 50V	[M]
C7	ECJ1VC1H050C	5P 50V	[M]
C9	ECJ1VB1H104K	0.1 50V	[M]
C10	ECJ1VB1H104K	0.1 50V	[M]
C11	F2A1A220A204	22 10V	[M]
C12	ECJ1VB1H104K	0.1 50V	[M]
C13	ECJ1VB1H104K	0.1 50V	[M]
C14	ECJ1VB1H104K	0.1 50V	[M]
C15	F3F1A106A046	10 10V	[M]
C16	F2A1A220A204	22 10V	[M]
C17	ECJ1VB1H104K	0.1 50V	[M]
C18	ECJ1VB1H104K	0.1 50V	[M]
C19	ECJ1VB1H104K	0.1 50V	[M]
C20	ECJ1VB1H104K	0.1 50V	[M]
C21	ECJ1VB1H104K	0.1 50V	[M]
C22	ECJ1VB1H104K	0.1 50V	[M]
C27	F2A1A220A204	22 10V	[M]
C28	ECJ1VC1H390J	39P 50V	[M]
C29	ECJ1VB1H104K	0.1 50V	[M]
C33	ECJ1VC1H561J	560P 50V	[M]
C34	ECJ1VC1H561J	560P 50V	[M]
C35	ECJ1VC1H221J	220P 50V	[M]
C36	ECJ1VC1H221J	220P 50V	[M]
C37	F3F1A106A046	10 10V	[M]
C38	F3F1A106A046	10 10V	[M]
C39	F1J0J106A004	10 6.3V	[M]
C42	ECJ1VB1H103K	0.01 50V	[M]
C101	F1H1H103A219	0.01 50V	[M]
C102	ECA1CAK470XB	47 16V	[M]
C103	ECA1CAK470XB	47 16V	[M]
C151	ECA1CAK100XB	10 16V	[M]
C152	ECA1CAK100XB	10 16V	[M]
C153	ECJ1VB1H104K	0.1 50V	[M]
C154	ECJ1VB1H104K	0.1 50V	[M]
C302	F1H1H470A230	47P 50V	[M]
C303	F1H1H470A230	47P 50V	[M]
C304	ECJ1VF1H223Z	0.022 50V	[M]
C305	ECA1CAK470XB	47 16V	[M]
C306	ECJ1VF1H223Z	0.022 50V	[M]
C307	ECA1CAK470XB	47 16V	[M]
C309	ECA1CAK470XB	47 16V	[M]
C310	ECJ1VF1H223Z	0.022 50V	[M]
C311	ECA1CAK470XB	47 16V	[M]
C312	ECJ1VB1H104K	0.1 50V	[M]
C313	F1H1H470A230	47P 50V	[M]
C314	ECJ1VB1H104K	0.1 50V	[M]
C315	ECA0JAK101XB	100 6.3V	[M]
C316	ECJ1VB1H104K	0.1 50V	[M]
C317	F1H1H470A230	47P 50V	[M]
C318	F1H1H470A230	47P 50V	[M]
C319	ECJ1VB1H104K	0.1 50V	[M]
C320	ECA0JAK101XB	100 6.3V	[M]
C321	ECJ1VB1H104K	0.1 50V	[M]
C322	F1H1H470A230	47P 50V	[M]
C323	F1H1H470A230	47P 50V	[M]
C324	ECJ1VB1H104K	0.1 50V	[M]
C325	ECA1CAK470XB	47 16V	[M]
C326	ECA1CAK470XB	47 16V	[M]
C327	ECA1CAK470XB	47 16V	[M]
C328	F1H1H470A230	47P 50V	[M]
C365	F1H1H470A230	47P 50V	[M]
C388	F1K1C1050005	1 16V	[M]
C389	F1K1C1050005	1 16V	[M]
C390	F1K1C1050005	1 16V	[M]
C391	F1K1C1050005	1 16V	[M]
C392	F1K1C1050005	1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C393	F1K1C1050005	1 16V	[M]
C394	F1H1C104A008	0.1 16V	[M]
C395	F1H1C104A008	0.1 16V	[M]
C396	F1H1C104A008	0.1 16V	[M]
C397	F1H1C104A008	0.1 16V	[M]
C398	ECA0JAK101XB	100 6.3V	[M]
C399	ECA0JAK101XB	100 6.3V	[M]
C401	F1H1H101A230	100P 50V	[M]
C402	F1H1H101A230	100P 50V	[M]
C403	F1H1H101A230	100P 50V	[M]
C404	F1H1H101A230	100P 50V	[M]
C417	F1H1H101A230	100P 50V	[M]
C418	F1H1H101A230	100P 50V	[M]
C419	F1H1H101A230	100P 50V	[M]
C420	F1H1H101A230	100P 50V	[M]
C421	F1H1H101A230	100P 50V	[M]
C422	F1H1H101A230	100P 50V	[M]
C423	F1H1H101A230	100P 50V	[M]
C424	F1H1H101A230	100P 50V	[M]
C425	F1H1H101A230	100P 50V	[M]
C426	F1H1H101A230	100P 50V	[M]
C427	F1H1H101A230	100P 50V	[M]
C428	F1H1H101A230	100P 50V	[M]
C433	F1H1H101A230	100P 50V	[M]
C434	F1H1H101A230	100P 50V	[M]
C435	F1H1H101A230	100P 50V	[M]
C436	F1H1H101A230	100P 50V	[M]
C437	F1H1H101A230	100P 50V	[M]
C438	F1H1H101A230	100P 50V	[M]
C439	F1H1H101A230	100P 50V	[M]
C440	F1H1H101A230	100P 50V	[M]
C441	F1H1H101A230	100P 50V	[M]
C442	F1H1H101A230	100P 50V	[M]
C443	F1H1H101A230	100P 50V	[M]
C444	F1H1H101A230	100P 50V	[M]
C445	F1H1H331A013	330P 50V	[M]
C450	ECJ1VB1H104K	0.1 50V	[M]
C451	ECJ1VB1H104K	0.1 50V	[M]
C452	ECA1CAK470XB	47 16V	[M]
C453	ECA1CAK470XB	47 16V	[M]
C454	F1H1H101A230	100P 50V	[M]
C455	F1H1H101A230	100P 50V	[M]
C456	F1H1H101A230	100P 50V	[M]
C464	F1H1H103A219	0.01 50V	[M]
C465	ECA0JAK101XB	100 6.3V	[M]
C466	ECA0JAK101XB	100 6.3V	[M]
C467	F1H1H103A219	0.01 50V	[M]
C468	ECA0JAK101XB	100 6.3V	[M]
C469	ECA0JAK101XB	100 6.3V	[M]
C470	F1H1H103A219	0.01 50V	[M]
C471	F1H1H103A219	0.01 50V	[M]
C488	F1H1H103A219	0.01 50V	[M]
C489	ECJ1VB1H104K	0.1 50V	[M]
C490	ECJ1VB1H104K	0.1 50V	[M]
C491	ECJ1VB1H104K	0.1 50V	[M]
C492	ECJ1VB1H104K	0.1 50V	[M]
C493	ECJ1VB1H104K	0.1 50V	[M]
C494	ECJ1VB1H104K	0.1 50V	[M]
C495	ECJ1VB1H104K	0.1 50V	[M]
C498	ECJ1VB1H104K	0.1 50V	[M]
C499	ECJ1VB1H104K	0.1 50V	[M]
C501	F1H1H101A230	100P 50V	[M]
C502	F1H1H101A230	100P 50V	[M]
C503	ECA1EAK100XB	10 25V	[M]
C504	ECA1EAK100XB	10 25V	[M]
C505	ECJ1VB1H104K	0.1 50V	[M]
C506	ECJ1VB1H104K	0.1 50V	[M]
C507	ECA1EAK100XB	10 25V	[M]
C508	ECA1EAK100XB	10 25V	[M]
C509	F1H1H331A013	330P 50V	[M]
C510	F1H1H331A013	330P 50V	[M]
C511	ECJ1VC1H151J	150P 50V	[M]
C512	ECJ1VC1H151J	150P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C513	ECA1EAK100XB	10 25V	[M]
C514	ECJ1VB1H104K	0.1 50V	[M]
C515	ECJ1VB1H104K	0.1 50V	[M]
C516	F1H1H101A230	100P 50V	[M]
C517	ECA1EAK100XB	10 25V	[M]
C518	ECA1EAK100XB	10 25V	[M]
C519	ECJ1VB1H104K	0.1 50V	[M]
C520	ECJ1VB1H104K	0.1 50V	[M]
C521	ECA1EAK100XB	10 25V	[M]
C522	ECA1EAK100XB	10 25V	[M]
C523	F1H1H331A013	330P 50V	[M]
C524	F1H1H331A013	330P 50V	[M]
C525	ECJ1VC1H151J	150P 50V	[M]
C526	ECJ1VC1H151J	150P 50V	[M]
C527	ECA1CAK470XB	47 16V	[M]
C528	ECA1EAK100XB	10 25V	[M]
C529	ECJ1VB1H104K	0.1 50V	[M]
C530	ECJ1VB1H104K	0.1 50V	[M]
C531	F1H1H101A230	100P 50V	[M]
C532	F1H1H101A230	100P 50V	[M]
C533	ECA1EAK100XB	10 25V	[M]
C534	ECA1EAK100XB	10 25V	[M]
C535	ECJ1VB1H104K	0.1 50V	[M]
C536	ECJ1VB1H104K	0.1 50V	[M]
C537	ECA1EAK470XB	47 25V	[M]
C538	ECA1EAK470XB	47 25V	[M]
C541	F1H1H101A230	100P 50V	[M]
C542	F1H1H101A230	100P 50V	[M]
C543	F1H1H470A230	47P 50V	[M]
C544	F1H1H470A230	47P 50V	[M]
C545	ECA1EAK100XB	10 25V	[M]
C546	ECJ1VB1H104K	0.1 50V	[M]
C547	ECJ1VB1H104K	0.1 50V	[M]
C557	ECA1CAK470XB	47 16V	[M]
C558	ECA1CAK470XB	47 16V	[M]
C559	ECJ1VB1H104K	0.1 50V	[M]
C560	F1H1H101A230	100P 50V	[M]
C701	ECQU2A104MLC	0.1	[M] ⚠
C702	ECQU2A104MLC	0.1	[M] ⚠
C703	F1BAF2220006	2200P	[M] ⚠
C704	F1BAF2220006	2200P	[M] ⚠
C705	F1BAF1020020	1000	[M] ⚠
C706	ECQU2A104MLC	0.1	[M] ⚠
C707	EETBA2D821EJ	820 400V	[M]
C708	F1J2E1030004	0.01 250V	[M]
C709	F1D1H471A012	470P 50V	[M]
C710	ECQP6332JUB	0.0035 630V	[M]
C711	ECA1EAK470XB	47 25V	[M]
C712	F1D1H221A012	220P 50V	[M]
C713	F1H1H102A219	1000P 50V	[M]
C714	F1BAF2220006	2200P	[M] ⚠
C715	F1J2E1030004	0.01 250V	[M]
C716	F1H1H102A219	1000P 50V	[M]
C717	EEUPF1H102ZE	1000 50V	[M]
C718	EEUPF1H102ZE	1000 50V	[M]
C719	ECA1HAK010XB	1 50V	[M]
C720	F1H1H102A219	1000P 50V	[M]
C721	F1H1C104A008	0.1 16V	[M]
C722	ECA1AAK330XB	33 10V	[M]
C723	F1H1H102A219	1000P 50V	[M]
C725	ECA2GHG220E	22 250V	[M]
C726	ECQP6182JUB	0.0018 630V	[M]
C727	F1H1H102A219	1000P 50V	[M]
C728	ECJ1VB1H104K	0.1 50V	[M]
C729	ECA1HAK010XB	1 50V	[M]
C730	F2A1A4710038	470 10V	[M]
C731	EEUFC0J821B	820 6.3V	[M]
C732	ECA1HM471E	470 50V	[M]
C733	F1H1H332A013	3300P 50V	[M]
C734	ECJ1VC1H471J	470P 50V	[M]
C735	F1J2A221A007	220P 100V	[M]
C736	F1H1H102A219	1000P 50V	[M]
C737	ECJ1VC1H471J	470P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C738	ECJ1VB1H472K	4700P 50V	[M]
C739	F1H1H103A219	0.01 50V	[M]
C740	F1H1H103A219	0.01 50V	[M]
C741	F1H1H102A219	1000P 50V	[M]
C742	F1J2A1020002	1000P 100V	[M]
C743	F1J2A1020002	1000P 100V	[M]
C744	F1J2E1020002	1000P 250V	[M]
C745	F1H1H102A219	1000P 50V	[M]
C746	EEUFC1A102B	1000 10V	[M]
C747	EEUFC1C102SE	1000 16V	[M]
C748	EEUFC1C471B	470 16V	[M]
C749	ECA1VAM101XB	100 35V	[M]
C750	ECA1AAK221XB	220 10V	[M]
C751	ECA1EPX101B	100 25V	[M]
C752	ECA1EPX101B	100 25V	[M]
C753	ECA1EPX101B	100 25V	[M]
C754	ECA1HAK010XB	1 50V	[M]
C755	F1D1H103A046	0.01 50V	[M]
C756	ECA1HAK010XB	1 50V	[M]
C757	ECA1HAK4R7XB	4.7 50V	[M]
C758	F1H1H103A219	0.01 50V	[M]
C759	ECA1HAK010XB	1 50V	[M]
C761	ECA1HAK100XB	10 50V	[M]
C762	ECA1HAK2R2XB	2.2 50V	[M]
C763	ECA1HAK4R7XB	4.7 50V	[M]
C764	F1H1H103A219	0.01 50V	[M]
C765	F1J2E1020002	1000P 250V	[M]
C766	ECA0JAK101XB	100 6.3V	[M]
C767	ECA0JAK101XB	100 6.3V	[M]
C768	ECA1HAK010XB	1 50V	[M]
C782	F1H1H102A219	1000P 50V	[M]
C783	F1H1H102A219	1000P 50V	[M]
C879	F1D1H821A012	820P 50V	[M]
C880	F1D1H821A012	820P 50V	[M]
C881	F1D1H821A012	820P 50V	[M]
C882	F1D1H821A012	820P 50V	[M]
C883	F1D1H821A012	820P 50V	[M]
C884	F1D1H821A012	820P 50V	[M]
C885	F1D1H821A012	820P 50V	[M]
C886	F1D1H821A012	820P 50V	[M]
C887	F1D1H821A012	820P 50V	[M]
C888	F1D1H821A012	820P 50V	[M]
C889	F1D1H821A012	820P 50V	[M]
C890	F1D1H821A012	820P 50V	[M]
C891	F1D1H821A012	820P 50V	[M]
C892	F1D1H821A012	820P 50V	[M]
C893	F1D1H821A012	820P 50V	[M]
C894	F1D1H821A012	820P 50V	[M]
C895	F1D1H821A012	820P 50V	[M]
C896	F1D1H821A012	820P 50V	[M]
C898	ECA1CAK470XB	47 16V	[M]
C899	ECA1CAK470XB	47 16V	[M]
C901	F1H1H101A230	100P 50V	[M]
C902	F1H1H101A230	100P 50V	[M]
C903	F1H1H101A230	100P 50V	[M]
C904	F1H1H101A230	100P 50V	[M]
C905	ECA1CAK470XB	47 16V	[M]
C906	ECA1CAK470XB	47 16V	[M]
C907	ECJ1VF1H223Z	0.022 50V	[M]
C908	F1H1H102A219	1000P 50V	[M]
C910	ECJ1VC1H181J	180P 50V	[M]
C911	ECJ1VC1H181J	180P 50V	[M]
C912	ECJ1VC1H181J	180P 50V	[M]
C913	ECJ1VC1H181J	180P 50V	[M]
C914	ECJ1VC1H181J	180P 50V	[M]
C915	ECJ1VC1H181J	180P 50V	[M]
C916	ECJ1VC1H181J	180P 50V	[M]
C917	ECJ1VC1H181J	180P 50V	[M]
C918	ECJ1VC1H181J	180P 50V	[M]
C919	ECJ1VC1H181J	180P 50V	[M]
C920	ECJ1VC1H181J	180P 50V	[M]
C921	ECJ1VC1H181J	180P 50V	[M]
C922	ECA1HAK220XB	22 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C923	ECA1HAK220XB	22 50V	[M]
C924	F2A1H1010039	100 50V	[M]
C925	ECA1HAK100XB	10 50V	[M]
C926	ECA1HAK100XB	10 50V	[M]
C927	ECA0JAM471XB	470 6.3V	[M]
C928	ECJ1VB1H104K	0.1 50V	[M]
C929	F1H1H1800001	18P 50V	[M]
C931	ECJ1VB1H104K	0.1 50V	[M]
C932	ECA1CAK100XB	10 16V	[M]
C933	ECJ1VB1H104K	0.1 50V	[M]
C935	F1H1H102A219	1000P 50V	[M]
C939	F1H1H102A219	1000P 50V	[M]
C940	F1H1H102A219	1000P 50V	[M]
C941	F1H1H102A219	1000P 50V	[M]
C943	F1H1H102A219	1000P 50V	[M]
C951	ECJ1VB1H104K	0.1 50V	[M]
C952	ECJ1VB1H104K	0.1 50V	[M]
C953	ECJ1VB1C105K	1 16V	[M]
C954	ECJ1VB1C105K	1 16V	[M]
C955	ECJ1VB1H104K	0.1 50V	[M]
C960	ECJ1VC1H181J	180P 50V	[M]
C961	ECJ1VC1H181J	180P 50V	[M]
C962	ECJ1VC1H181J	180P 50V	[M]
C963	ECJ1VC1H181J	180P 50V	[M]
C964	ECJ1VC1H181J	180P 50V	[M]
C965	ECJ1VC1H181J	180P 50V	[M]
C966	ECJ1VC1H181J	180P 50V	[M]
C967	ECJ1VC1H181J	180P 50V	[M]
C968	ECJ1VC1H181J	180P 50V	[M]
C969	ECJ1VC1H181J	180P 50V	[M]
C970	ECJ1VC1H181J	180P 50V	[M]
C971	ECJ1VC1H181J	180P 50V	[M]
C972	ECJ1VC1H181J	180P 50V	[M]
C973	ECJ1VC1H181J	180P 50V	[M]
C974	ECJ1VC1H181J	180P 50V	[M]
C976	ECJ1VC1H680J	68P 50V	[M]
C977	F1H1H102A219	1000P 50V	[M]
C978	ECA1CAK100XB	10 16V	[M]
C981	F1H1H101A230	100P 50V	[M]
C982	F1H1H101A230	100P 50V	[M]
C991	F1H1H101A230	100P 50V	[M]
C992	F1H1H101A230	100P 50V	[M]
C999	F1H1H102A219	1000P 50V	[M]
C1001	F1H0J1050010	1 6.3V	[M]
C1002	F1H0J1050010	1 6.3V	[M]
C1003	F1H1C104A041	0.1 16V	[M]
C1004	ECJ1VC1H120J	12P 50V	[M]
C1005	ECJ1VC1H180J	18P 50V	[M]
C1007	F1H0J1050010	1 6.3V	[M]
C1008	ECJ1VC1H180J	18P 50V	[M]
C1009	ECJ1VC1H120J	12P 50V	[M]
C1010	ECJ1VC1H330J	33P 50V	[M]
C1011	F1H0J1050010	1 6.3V	[M]
C1012	ECJ1VC1H100D	10P 50V	[M]
C1013	F1H0J1050010	1 6.3V	[M]
C1014	EEE0JA470SR	47P 6.3V	[M]
C1015	F1H0J1050010	1 6.3V	[M]
C1016	EEE0JA470SR	47P 6.3V	[M]
C1017	EEE0JA470SR	47P 6.3V	[M]
C1018	F1H0J1050010	1 6.3V	[M]
C1019	F1H0J1050010	1 6.3V	[M]
C1020	F1H0J1050010	1 6.3V	[M]
C1021	F1H0J1050010	1 6.3V	[M]
C1022	F1H0J1050010	1 6.3V	[M]
C1023	F1H0J1050010	1 6.3V	[M]
C1024	F1H0J1050010	1 6.3V	[M]
C1025	EEE0JA470SR	47P 6.3V	[M]
C1026	F1H0J1050010	1 6.3V	[M]
C1027	F1H1H101A230	100P 50V	[M]
C1028	F1H1H101A230	100P 50V	[M]
C1029	F1H1H101A230	100P 50V	[M]
C1030	F1H1H101A230	100P 50V	[M]
C1031	F1H1C104A041	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1032	ECJ1VB1A474K	0.47 10V	[M]
C1033	ECJ1VC1H220J	22P 50V	[M]
C1036	EEEFK1C220R	22 16V	[M]
C1037	F1H0J1050010	1 6.3V	[M]
C1038	F1H0J1050010	1 6.3V	[M]
C1039	F1H0J1050010	1 6.3V	[M]
C1040	ECJ1VC1H220J	22P 50V	[M]
C1041	F1H0J1050010	1 6.3V	[M]
C1042	F1H0J1050010	1 6.3V	[M]
C1043	F1H0J1050010	1 6.3V	[M]
C1044	F1H0J1050010	1 6.3V	[M]
C1045	F1H0J1050010	1 6.3V	[M]
C1047	F1H0J1050010	1 6.3V	[M]
C1049	F1H0J1050010	1 6.3V	[M]
C1050	F1H0J1050010	1 6.3V	[M]
C1051	ECJ1VC1H100D	10P 50V	[M]
C1052	ECJ1VC1H100D	10P 50V	[M]
C1053	F1H0J1050010	1 6.3V	[M]
C1054	F1H0J1050010	1 6.3V	[M]
C1055	F1H0J1050010	1 6.3V	[M]
C1056	F1H0J1050010	1 6.3V	[M]
C1057	F1H0J1050010	1 6.3V	[M]
C1058	F1H0J1050010	1 6.3V	[M]
C1059	F1H0J1050010	1 6.3V	[M]
C1060	F1H0J1050010	1 6.3V	[M]
C1061	F1H0J1050010	1 6.3V	[M]
C1062	ECJ1VC1H471J	470P 50V	[M]
C1063	ECJ1VC1H471J	470P 50V	[M]
C1064	F1H0J1050010	1 6.3V	[M]
C1065	F1H0J1050010	1 6.3V	[M]
C1066	F1H0J1050010	1 6.3V	[M]
C1067	F1H0J1050010	1 6.3V	[M]
C1068	F1H0J1050010	1 6.3V	[M]
C1069	F1H0J1050010	1 6.3V	[M]
C1070	ECJ1VC1H471J	470P 50V	[M]
C1071	ECJ1VC1H471J	470P 50V	[M]
C1072	F1H0J1050010	1 6.3V	[M]
C1073	F1H0J1050010	1 6.3V	[M]
C1074	F1H0J1050010	1 6.3V	[M]
C1075	F1H0J1050010	1 6.3V	[M]
C1076	F1H0J1050010	1 6.3V	[M]
C1077	F1H0J1050010	1 6.3V	[M]
C1078	ECJ1VC1H471J	470P 50V	[M]
C1079	ECJ1VC1H471J	470P 50V	[M]
C1080	F1H0J1050010	1 6.3V	[M]
C1081	EEE1CA100SR	10P 16V	[M]
C1082	F1H0J1050010	1 6.3V	[M]
C1084	ECJ1VC1H100D	10P 50V	[M]
C1085	ECJ1VC1H100D	10P 50V	[M]
C1086	ECJ1VC1H100D	10P 50V	[M]
C1087	ECJ1VC1H100D	10P 50V	[M]
C1088	ECJ1VC1H100D	10P 50V	[M]
C1089	ECJ1VC1H100D	10P 50V	[M]
C1090	ECJ1VC1H100D	10P 50V	[M]
C1091	F1H0J1050010	1 6.3V	[M]
C1092	F1H0J1050010	1 6.3V	[M]
C1093	F1H0J1050010	1 6.3V	[M]
C1094	EEEFK1C220R	22 16V	[M]
C1095	EEEFK1C220R	22 16V	[M]
C2002	F1H1C104A041	0.1 16V	[M]
C2004	F1H1C104A041	0.1 16V	[M]
C2005	EEE0JA101SP	100P 6.3V	[M]
C2006	EEE0JA101SP	100P 6.3V	[M]
C2007	F1H1C104A041	0.1 16V	[M]
C2010	F1H1C104A041	0.1 16V	[M]
C2011	F1H1C104A041	0.1 16V	[M]
C2012	F1H1C104A041	0.1 16V	[M]
C2013	F1H1C104A041	0.1 16V	[M]
C2014	F1H1C104A041	0.1 16V	[M]
C2015	EEE1CA100SR	10P 16V	[M]
C2016	EEE1CA100SR	10P 16V	[M]
C2017	F1H1C104A041	0.1 16V	[M]
C2018	F1H1C104A041	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2019	F1H1C104A041	0.1 16V	[M]
C2020	F1H1C104A041	0.1 16V	[M]
C2021	F1H0J1050010	1 6.3V	[M]
C2022	F1H1C104A041	0.1 16V	[M]
C2023	F1H1C104A041	0.1 16V	[M]
C2024	F1H1C104A041	0.1 16V	[M]
C2025	F1H0J1050010	1 6.3V	[M]
C2026	F1H1C104A041	0.1 16V	[M]
C2027	F1H1C104A041	0.1 16V	[M]
C2028	F1H1C104A041	0.1 16V	[M]
C2029	F1H1C104A041	0.1 16V	[M]
C2030	F1H1C104A041	0.1 16V	[M]
C2031	F1H1H1800001	18P 50V	[M]
C2032	F1H1H1800001	18P 50V	[M]
C2033	F1H1H103A219	0.01 50V	[M]
C2034	F1H1C104A041	0.1 16V	[M]
C2035	F1H0J1050010	1 6.3V	[M]
C2036	F1H0J1050010	1 6.3V	[M]
C2037	F1H1C104A041	0.1 16V	[M]
C2038	F1H1C104A041	0.1 16V	[M]
C2039	F1H1C104A041	0.1 16V	[M]
C2040	F1H1C104A041	0.1 16V	[M]
C2041	F1H1C104A041	0.1 16V	[M]
C2042	F1H0J1050010	1 6.3V	[M]
C2043	F1H0J1050010	1 6.3V	[M]
C2044	F1H1C104A041	0.1 16V	[M]
C2045	F1H0J1050010	1 6.3V	[M]
C2046	F1H0J1050010	1 6.3V	[M]
C2047	F1H1C104A041	0.1 16V	[M]
C2048	F1H1C104A041	0.1 16V	[M]
C2049	F1H1C104A041	0.1 16V	[M]
C2050	F1H0J1050010	1 6.3V	[M]
C2101	F1H0J1050010	1 6.3V	[M]
C2102	F1H1C104A041	0.1 16V	[M]
C2103	F1H1C104A041	0.1 16V	[M]
C2104	F1H1C104A041	0.1 16V	[M]
C2105	F1H1C104A041	0.1 16V	[M]
C2106	F1H1H102A219	1000P 50V	[M]
C2107	F1H1C104A041	0.1 16V	[M]
C2108	F1H1H102A219	1000P 50V	[M]
C2109	F1H1H102A219	1000P 50V	[M]
C2110	F1H1H102A219	1000P 50V	[M]
C2111	F1H1C104A041	0.1 16V	[M]
C2112	EEE0GA331WP	330P 4V	[M]
C2113	F1H1C104A041	0.1 16V	[M]
C2114	F1H1C104A041	0.1 16V	[M]
C2115	F1H1C104A041	0.1 16V	[M]
C2116	EEE0GA331WP	330P 4V	[M]
C2117	F1H1C104A041	0.1 16V	[M]
C2118	F1H1C104A041	0.1 16V	[M]
C2119	F1H1C104A041	0.1 16V	[M]
C2151	EEE1CA100SR	10P 16V	[M]
C2152	F1H1C104A041	0.1 16V	[M]
C2153	ECJ1VC1H330J	33P 50V	[M]
C2155	F1H1H103A219	0.01 50V	[M]
C2158	EEE1CA100SR	10P 16V	[M]
C2159	F1H1C104A041	0.1 16V	[M]
C2160	ECJ1VB0J474K	0.47 6.3V	[M]
C2161	F1H1H220A230	22P 50V	[M]
C2162	F1H0J1050010	1 6.3V	[M]
C2163	F1H0J1050010	1 6.3V	[M]
C2164	F1H1H220A230	22P 50V	[M]
C2165	F1H1H220A230	22P 50V	[M]
C2166	F1H0J1050010	1 6.3V	[M]
C2167	F1H1C104A041	0.1 16V	[M]
C2201	F1H1H102A219	1000P 50V	[M]
C2202	F1H1H102A219	1000P 50V	[M]
C2203	F1H1H102A219	1000P 50V	[M]
C2204	F1H1C104A041	0.1 16V	[M]
C2205	F1H1H103A219	0.01 50V	[M]
C2206	EEE1HA2R2SR	2.2P 50V	[M]
C2207	EEE0JA101SP	100P 6.3V	[M]
C2208	F1H1C104A041	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2209	F1H1C104A041	0.1 16V	[M]
C2210	F1H1C104A041	0.1 16V	[M]
C2211	F1H1C104A041	0.1 16V	[M]
C2212	ECJ1VB1C104K	0.1 16V	[M]
C2213	ECJ1VB1C104K	0.1 16V	[M]
C2214	F1H0J1050010	1 6.3V	[M]
C2215	ECJ1VC1H331J	330P 50V	[M]
C2216	ECJ1VC1H221J	220P 50V	[M]
C6003	ECJ1VC1H220K	22P 50V	[M]
C6004	ECJ1VC1H220K	22P 50V	[M]
C6017	ECJ1VC1H681J	680P 50V	[M]
C6018	ECJ1VC1H681J	680P 50V	[M]
C6019	ECJ1VB1C105K	1 16V	[M]
C6020	ECJ1VB1C105K	1 16V	[M]
C6023	ECJ1VC1H220K	22P 50V	[M]
C6024	ECJ1VC1H220K	22P 50V	[M]
C6037	ECJ1VC1H681J	680P 50V	[M]
C6038	ECJ1VC1H681J	680P 50V	[M]
C6039	ECJ1VB1C105K	1 16V	[M]
C6040	ECJ1VB1C105K	1 16V	[M]
C6041	EEE1HA2R2SR	2.2P 50V	[M]
C6042	EEE1HA2R2SR	2.2P 50V	[M]
C6043	F1H1C104A041	0.1 16V	[M]
C6044	F1H1C104A041	0.1 16V	[M]
C6045	ECJ2FB1H104K	0.1 50V	[M]
C6046	ECJ2FB1H104K	0.1 50V	[M]
C6051	ECJ1VC1H560J	56P 50V	[M]
C6052	ECJ1VC1H560J	56P 50V	[M]
C6053	ECJ1VC1H560J	56P 50V	[M]
C6054	ECJ1VC1H560J	56P 50V	[M]
C6055	ECJ1VC1H102K	1000P 50V	[M]
C6056	ECJ1VC1H102K	1000P 50V	[M]
C6057	F1H1C104A041	0.1 16V	[M]
C6058	F1H1C104A041	0.1 16V	[M]
C6059	EEE1CA470SP	47P 16V	[M]
C6060	EEE1CA470SP	47P 16V	[M]
C6071	F1H1H103A219	0.01 50V	[M]
C6072	F1H1H103A219	0.01 50V	[M]
C6075	ECJ2FB1H104K	0.1 50V	[M]
C6077	EEE1EA330SP	33P 25V	[M]
C6078	EEE1EA330SP	33P 25V	[M]
C6079	F1H1C104A041	0.1 16V	[M]
C6080	EEE1HA2R2SR	2.2P 50V	[M]
C6081	ECJ1VC1H220K	22P 50V	[M]
C6082	ECJ1VC1H220K	22P 50V	[M]
C6083	ECJ1VC1H681J	680P 50V	[M]
C6084	ECJ1VC1H681J	680P 50V	[M]
C6085	ECJ1VB1C105K	1 16V	[M]
C6086	ECJ1VB1C105K	1 16V	[M]
C6087	F1H1C104A041	0.1 16V	[M]
C6088	ECJ1VC1H560J	56P 50V	[M]
C6089	ECJ1VC1H560J	56P 50V	[M]
C6090	ECJ1VC1H560J	56P 50V	[M]
C6091	EEE1CA100SR	10P 16V	[M]
C6092	F1H1H392A013	3900P 50V	[M]
C6093	F1H1H102A219	1000P 50V	[M]
C6094	EEE1CA100SR	10P 16V	[M]
C6095	EEE1CA100SR	10P 16V	[M]
C6096	F1H1H102A219	1000P 50V	[M]
C6097	F1H1H103A219	0.01 50V	[M]
C6098	F1H1C104A041	0.1 16V	[M]
C6099	F1H1C104A041	0.1 16V	[M]
C6101	ECQE2334JFW	0.33 250V	[M]
C6102	ECQE2334JFW	0.33 250V	[M]
C6103	EEUPW1H102XE	1000 50V	[M]
C6104	F1H1H102A219	1000P 50V	[M]
C6105	ECJ1VB1H223K	0.022 50V	[M]
C6106	ECJ1VB1H223K	0.022 50V	[M]
C6107	ECJ2FB2D103K	0.01 250V	[M]
C6108	ECJ2FB1H104K	0.1 50V	[M]
C6109	ECJ2FB2D103K	0.01 250V	[M]
C6110	ECJ2FB1H104K	0.1 50V	[M]
C6111	EEE1CA100SR	10P 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6112	F1H1C104A041	0.1 16V	[M]
C6115	ECJ1VC1H681J	680P 50V	[M]
C6116	ECJ1VC1H681J	680P 50V	[M]
C6117	ECJ2VB2A103K	0.01 100V	[M]
C6118	ECJ1VB1C105K	1 16V	[M]
C6119	EEEFK1C220R	22 16V	[M]
C6120	EEEFK1H100P	10P 16V	[M]
C6121	EEE1CA100SR	10P 16V	[M]
C6122	F1H1H102A219	1000P 50V	[M]
C6123	ECJ1VC1H331J	330P 50V	[M]
C6124	ECJ1VC1H331J	330P 50V	[M]
C6125	F1H1H102A219	1000P 50V	[M]
C6127	ECJ1VB2D331K	330 250V	[M]
C6129	ECJ1VB2D331K	330 250V	[M]
C6131	F1H1H102A219	1000P 50V	[M]
C6132	F1H1H102A219	1000P 50V	[M]
C6133	F1H1C104A041	0.1 16V	[M]
C6135	F1H1C104A041	0.1 16V	[M]
C6141	F1H1C104A041	0.1 16V	[M]
C6142	F1H1C104A041	0.1 16V	[M]
C6151	ECQE2334JFW	0.33 250V	[M]
C6152	ECQE2334JFW	0.33 250V	[M]
C6153	EEUPW1H102XE	1000 50V	[M]
C6154	F1H1H102A219	1000P 50V	[M]
C6155	ECJ1VB1H223K	0.022 50V	[M]
C6156	ECJ1VB1H223K	0.022 50V	[M]
C6157	ECJ2FB2D103K	0.01 250V	[M]
C6158	ECJ2FB1H104K	0.1 50V	[M]
C6159	ECJ2FB2D103K	0.01 250V	[M]
C6160	ECJ2FB1H104K	0.1 50V	[M]
C6165	ECJ1VC1H681J	680P 50V	[M]
C6166	ECJ1VC1H681J	680P 50V	[M]
C6167	ECJ2VB2A103K	0.01 100V	[M]
C6168	ECJ1VB1C105K	1 16V	[M]
C6169	EEEFK1C220R	22 16V	[M]
C6170	EEEFK1H100P	10P 16V	[M]
C6171	EEE1CA100SR	10P 16V	[M]
C6172	F1H1H102A219	1000P 50V	[M]
C6173	ECJ1VC1H331J	330P 50V	[M]
C6174	ECJ1VC1H331J	330P 50V	[M]
C6175	F1H1H102A219	1000P 50V	[M]
C6177	ECJ1VB2D331K	330 250V	[M]
C6179	ECJ1VB2D331K	330 250V	[M]
C6181	F1H1H102A219	1000P 50V	[M]
C6182	F1H1H102A219	1000P 50V	[M]
C6201	ECQE2334JFW	0.33 250V	[M]
C6202	ECQE2334JFW	0.33 250V	[M]
C6203	EEUPW1H102XE	1000P 50V	[M]
C6204	F1H1H102A219	1000P 50V	[M]
C6205	ECJ1VB1H223K	0.022 50V	[M]
C6206	ECJ1VB1H223K	0.022 50V	[M]
C6207	ECJ2FB2D103K	0.01 250V	[M]
C6208	ECJ2FB1H104K	0.1 50V	[M]
C6209	ECJ2FB2D103K	0.01 250V	[M]
C6210	ECJ2FB1H104K	0.1 50V	[M]
C6211	EEE1CA100SR	10P 16V	[M]
C6212	F1H1C104A041	0.1 16V	[M]
C6215	ECJ1VC1H681J	680P 50V	[M]
C6216	ECJ1VC1H681J	680P 50V	[M]
C6217	ECJ2VB2A103K	0.01 100V	[M]
C6218	ECJ1VB1C105K	1 16V	[M]
C6219	EEEFK1C220R	22 16V	[M]
C6221	EEE1CA100SR	10P 16V	[M]
C6222	F1H1H102A219	1000P 50V	[M]
C6223	ECJ1VC1H331J	330P 50V	[M]
C6224	ECJ1VC1H331J	330P 50V	[M]
C6225	F1H1H102A219	1000P 50V	[M]
C6227	ECJ1VB2D331K	330 250V	[M]
C6229	ECJ1VB2D331K	330 250V	[M]
C6231	F1H1H102A219	1000P 50V	[M]
C6232	F1H1H102A219	1000P 50V	[M]
C6233	F1H1C104A041	0.1 16V	[M]
C6235	F1H1C104A041	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6241	F1H1C104A041	0.1 16V	[M]
C6242	F1H1C104A041	0.1 16V	[M]
C6251	ECQE2334JFW	0.33 250V	[M]
C6252	ECQE2334JFW	0.33 250V	[M]
C6253	EEUPW1H102XE	1000P 50V	[M]
C6254	F1H1H102A219	1000P 50V	[M]
C6255	ECJ1VB1H223K	0.022 50V	[M]
C6256	ECJ1VB1H223K	0.022 50V	[M]
C6257	ECJ2FB2D103K	0.01 250V	[M]
C6258	ECJ2FB1H104K	0.1 50V	[M]
C6259	ECJ2FB2D103K	0.01 250V	[M]
C6260	ECJ2FB1H104K	0.1 50V	[M]
C6265	ECJ1VC1H681J	680P 50V	[M]
C6266	ECJ1VC1H681J	680P 50V	[M]
C6267	ECJ2VB2A103K	0.01 100V	[M]
C6268	ECJ1VB1C105K	1 16V	[M]
C6269	EEEFK1C220R	22 16V	[M]
C6271	EEE1CA100SR	10P 16V	[M]
C6272	F1H1H102A219	1000P 50V	[M]
C6273	ECJ1VC1H331J	330P 50V	[M]
C6274	ECJ1VC1H331J	330P 50V	[M]
C6275	F1H1H102A219	1000P 50V	[M]
C6277	ECJ1VB2D331K	330 250V	[M]
C6279	ECJ1VB2D331K	330 250V	[M]
C6281	F1H1H102A219	1000P 50V	[M]
C6282	F1H1H102A219	1000P 50V	[M]
C6301	ECQE2334JFW	0.33 250V	[M]
C6302	ECQE2334JFW	0.33 250V	[M]
C6303	EEUPW1H102XE	1000 50V	[M]
C6304	F1H1H102A219	1000P 50V	[M]
C6305	ECJ1VB1H223K	0.022 50V	[M]
C6306	ECJ1VB1H223K	0.022 50V	[M]
C6307	ECJ2FB2D103K	0.01 250V	[M]
C6308	ECJ2FB1H104K	0.1 50V	[M]
C6309	ECJ2FB2D103K	0.01 250V	[M]
C6310	ECJ2FB1H104K	0.1 50V	[M]
C6311	EEE1CA100SR	10P 16V	[M]
C6312	F1H1C104A041	0.1 16V	[M]
C6315	ECJ1VC1H681J	680P 50V	[M]
C6316	ECJ1VC1H681J	680P 50V	[M]
C6317	ECJ2VB2A103K	0.01 100V	[M]
C6318	ECJ1VB1C105K	1 16V	[M]
C6319	EEEFK1C220R	22 16V	[M]
C6321	EEE1CA100SR	10P 16V	[M]
C6322	F1H1H102A219	1000P 50V	[M]
C6323	ECJ1VC1H331J	330P 50V	[M]
C6324	ECJ1VC1H331J	330P 50V	[M]
C6325	F1H1H102A219	1000P 50V	[M]
C6327	ECJ1VB2D331K	330 250V	[M]
C6329	ECJ1VB2D331K	330 250V	[M]
C6331	F1H1H102A219	1000P 50V	[M]
C6332	F1H1H102A219	1000P 50V	[M]
C6333	F1H1C104A041	0.1 16V	[M]
C6335	F1H1C104A041	0.1 16V	[M]
C6341	F1H1C104A041	0.1 16V	[M]
C6342	F1H1C104A041	0.1 16V	[M]
C6351	ECQE2334JFW	0.33 250V	[M]
C6352	ECQE2334JFW	0.33 250V	[M]
C6353	EEUPW1H102XE	1000 50V	[M]
C6354	F1H1H102A219	1000P 50V	[M]
C6355	ECJ1VB1H223K	0.022 50V	[M]
C6356	ECJ1VB1H223K	0.022 50V	[M]
C6357	ECJ2FB2D103K	0.01 250V	[M]
C6358	ECJ2FB1H104K	0.1 50V	[M]
C6359	ECJ2FB2D103K	0.01 250V	[M]
C6360	ECJ2FB1H104K	0.1 50V	[M]
C6365	ECJ1VC1H681J	680P 50V	[M]
C6366	ECJ1VC1H681J	680P 50V	[M]
C6367	ECJ2VB2A103K	0.01 100V	[M]
C6368	ECJ1VB1C105K	1 16V	[M]
C6369	EEEFK1C220R	22 16V	[M]
C6371	EEE1CA100SR	10P 16V	[M]
C6372	F1H1H102A219	1000P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6373	ECJ1VC1H331J	330P 50V	[M]
C6374	ECJ1VC1H331J	330P 50V	[M]
C6375	F1H1H102A219	1000P 50V	[M]
C6377	ECJ1VB2D331K	330 250V	[M]
C6379	ECJ1VB2D331K	330 250V	[M]
C6381	F1H1H102A219	1000P 50V	[M]
C6382	F1H1H102A219	1000P 50V	[M]
C6404	F1H1H102A219	1000P 50V	[M]
C6405	ECJ1VB1H223K	0.022 50V	[M]
C6406	ECJ1VB1H223K	0.022 50V	[M]
C6411	EEE1CA100SR	10P 16V	[M]
C6412	F1H1C104A041	0.1 16V	[M]
C6418	ECJ1VB1C105K	1 16V	[M]
C6419	EEEFK1C220R	22 16V	[M]
C6433	F1H1C104A041	0.1 16V	[M]
C6435	F1H1C104A041	0.1 16V	[M]
C6441	F1H1C104A041	0.1 16V	[M]
C6442	F1H1C104A041	0.1 16V	[M]
C6451	ECQE2334JFW	0.33 250V	[M]
C6452	ECQE2334JFW	0.33 250V	[M]
C6453	EEUPW1H102XE	1000P 50V	[M]
C6454	F1H1H102A219	1000P 50V	[M]
C6455	ECJ1VB1H223K	0.022 50V	[M]
C6456	ECJ1VB1H223K	0.022 50V	[M]
C6457	ECJ2FB2D103K	0.01 250V	[M]
C6458	ECJ2FB1H104K	0.1 50V	[M]
C6459	ECJ2FB2D103K	0.01 250V	[M]
C6460	ECJ2FB1H104K	0.1 50V	[M]
C6465	ECJ1VC1H681J	680P 50V	[M]
C6466	ECJ1VC1H681J	680P 50V	[M]
C6467	ECJ2VB2A103K	0.01 100V	[M]
C6468	ECJ1VB1C105K	1 16V	[M]
C6469	EEEFK1C220R	22 16V	[M]
C6471	EEE1CA100SR	10P 16V	[M]
C6472	F1H1H102A219	1000P 50V	[M]
C6473	ECJ1VC1H331J	330P 50V	[M]
C6474	ECJ1VC1H331J	330P 50V	[M]
C6475	F1H1H102A219	1000P 50V	[M]
C6477	ECJ1VB2D331K	330 250V	[M]
C6479	ECJ1VB2D331K	330 250V	[M]
C6481	F1H1H102A219	1000P 50V	[M]
C6482	F1H1H102A219	1000P 50V	[M]
C6491	ECJ1VC1H330J	33P 50V	[M]
C6494	ECJ1VB1C105K	1 16V	[M]
C6552	F1H1C104A041	0.1 16V	[M]
C6553	ECJ1VC1H220K	22P 50V	[M]
C6554	ECJ1VC1H220K	22P 50V	[M]
C6565	ECJ1VC1H220K	22P 50V	[M]
C6566	ECJ1VC1H220K	22P 50V	[M]
C6569	ECJ2FB1H104K	0.1 50V	[M]
C6570	ECJ2FB1H104K	0.1 50V	[M]
C6571	EEE1CA100SR	10P 16V	[M]
C6572	EEE1CA100SR	10P 16V	[M]
C6573	ECJ1VC1H102K	1000P 50V	[M]
C6574	ECJ1VC1H102K	1000P 50V	[M]
C6579	ECJ1VC1H102K	1000P 50V	[M]
C6580	ECJ1VC1H102K	1000P 50V	[M]
C6581	F1H1C104A041	0.1 16V	[M]
C6582	F1H1C104A041	0.1 16V	[M]
C6583	F1H1H101A230	100P 50V	[M]
C6584	F1H1H101A230	100P 50V	[M]
C6585	F1H1H101A230	100P 50V	[M]
C6586	F1H1H101A230	100P 50V	[M]
C6587	ECJ1VB1C105K	1 16V	[M]
C6588	ECJ1VB1C105K	1 16V	[M]
C6589	ECJ1VB1C105K	1 16V	[M]
C6590	ECJ1VB1C105K	1 16V	[M]
C6591	EEE1HA2R2SR	2.2P 50V	[M]
C6592	EEE1HA2R2SR	2.2P 50V	[M]
C6593	F1H1C104A041	0.1 16V	[M]
C6594	F1H1C104A041	0.1 16V	[M]
C6595	ECJ1VC1H560J	56P 50V	[M]
C6596	ECJ1VC1H560J	56P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6597	ECJ1VC1H560J	56P 50V	[M]
C6598	ECJ1VC1H560J	56P 50V	[M]
C6601	F1H1C104A041	0.1 16V	[M]
C6605	ECJ1VB1H472K	4700P 50V	[M]
C6606	ECJ1VB1C473K	0.047 16V	[M]
C6609	F1H1C104A041	0.1 16V	[M]
C6612	F1H1H102A219	1000P 50V	[M]
C6614	F1H1H102A219	1000P 50V	[M]
C6632	F1H1C104A041	0.1 16V	[M]
C6633	EEEFK1C220R	22 16V	[M]
C6634	F1H1C104A041	0.1 16V	[M]
C6635	F1H1C104A041	0.1 16V	[M]
C6636	EEEFK1C220R	22 16V	[M]
C6657	ECJ1VB1C105K	1 16V	[M]
C6659	ECJ1VB1C105K	1 16V	[M]
C6660	F1H1C104A041	0.1 16V	[M]
C6664	F1H1C104A041	0.1 16V	[M]
C6671	ECJ1VB1C105K	1 16V	[M]
C6673	F1H1C104A041	0.1 16V	[M]
C6674	F1H1C104A041	0.1 16V	[M]
C6679	EEEFK1C220R	22 16V	[M]
C6680	F1H1C104A041	0.1 16V	[M]
C6681	F1H1H102A219	1000P 50V	[M]
C6682	F1H1H102A219	1000P 50V	[M]
C6686	EEE1HA2R2SR	2.2P 50V	[M]
C6693	F1H1H103A219	0.01 50V	[M]
C6705	ECJ1VB1H472K	4700P 50V	[M]
C6706	ECJ1VB1C473K	0.047 16V	[M]
C6709	F1H1C104A041	0.1 16V	[M]
C6720	F1H1C104A041	0.1 16V	[M]
C6722	F1H1C104A041	0.1 16V	[M]
C6732	F1H1C104A041	0.1 16V	[M]
C6733	EEE1CA100SR	10P 16V	[M]
C6734	F1H1C104A041	0.1 16V	[M]
C6735	F1H1C104A041	0.1 16V	[M]
C6736	EEE1CA100SR	10P 16V	[M]
C6757	ECJ1VB1C105K	1 16V	[M]
C6759	ECJ1VB1C105K	1 16V	[M]
C6760	F1H1C104A041	0.1 16V	[M]
C6779	EEE1CA100SR	10P 16V	[M]
C6780	F1H1C104A041	0.1 16V	[M]
C6786	F1H1H101A230	100P 50V	[M]
C6787	F1H1H101A230	100P 50V	[M]
C6788	F1H1H101A230	100P 50V	[M]
C6790	F1H1H101A230	100P 50V	[M]
C6791	F1H1H101A230	100P 50V	[M]
C6803	F1H1C104A041	0.1 16V	[M]
C6804	ECJ1VB1C104K	0.1 16V	[M]
C6809	F1H1C104A041	0.1 16V	[M]
C6811	F1H1C104A041	0.1 16V	[M]
C6812	F1H1H103A219	0.01 50V	[M]
C6813	ECJ1VB1H103K	0.01 50V	[M]
C6816	ECJ1VB1C105K	1 16V	[M]
C6817	EEE0JA101SP	100P 6.3V	[M]
C6819	ECJ1VB1C105K	1 16V	[M]
C6857	EEE0JA102UP	1000P 6.3V	[M]
C6858	F1H1C104A041	0.1 16V	[M]
C6859	EEE0JA102UP	1000P 6.3V	[M]
C6860	EEE0JA102UP	1000P 6.3V	[M]
C6861	F1H1H102A219	1000P 50V	[M]
C6862	ECJ1VB1C105K	1 16V	[M]
C6863	EEE0JA102UP	1000P 6.3V	[M]
C6871	ECJ1VB1C105K	1 16V	[M]
C6872	F1H1H103A219	0.01 50V	[M]
C6876	F1H1H102A219	1000P 50V	[M]
C6881	F1H1H103A219	0.01 50V	[M]
C6884	F1H1H103A219	0.01 50V	[M]
C6891	ECJ1VB1C105K	1 16V	[M]
C6892	EEE1CA221XP	220P 16V	[M]
C6893	F1H1C104A041	0.1 16V	[M]
C6894	ECJ1VC1H561K	560P 50V	[M]
C6895	ECJ1VC1H561K	560P 50V	[M]
C6896	F1H1H103A219	0.01 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C6897	EEE1AA220WR	22P 10V	[M]
C6899	ECJ1VB1C105K	1 16V	[M]
C6901	EEE1AA330SR	33P 10V	[M]
C6902	EEE0JA101SP	100P 6.3V	[M]
C6906	EEE0JA102UP	1000P 6.3V	[M]
C6907	EEE0JA102UP	1000P 6.3V	[M]
C6909	F1H1C104A041	0.1 16V	[M]
C6910	F1H1C104A041	0.1 16V	[M]
C6912	F1H1H103A219	0.01 50V	[M]
C6914	EEE0JA101SP	100P 6.3V	[M]
C6916	ECJ1VB1C105K	1 16V	[M]
C6922	F1H1H103A219	0.01 50V	[M]
C6923	F1H1H103A219	0.01 50V	[M]
C6926	ECJ1VB1C105K	1 16V	[M]
C6930	EEE0JA101SP	100P 6.3V	[M]
C6931	EEE1AA330SR	33P 10V	[M]
C6956	F1H1C104A041	0.1 16V	[M]
C6962	ECJ1VB1C105K	1 16V	[M]
C6971	ECJ1VC1H220K	22P 50V	[M]
C6972	ECJ1VC1H220K	22P 50V	[M]
C6973	ECJ1VC1H220K	22P 50V	[M]
C6974	ECJ1VC1H220K	22P 50V	[M]
C6976	ECJ1VC1H220K	22P 50V	[M]
C6977	ECJ1VC1H220K	22P 50V	[M]
C6978	EEE1AA330SR	33P 10V	[M]
C6979	EEE0JA101SP	100P 6.3V	[M]
C6981	ECJ1VC1H220K	22P 50V	[M]
C6982	ECJ1VC1H220K	22P 50V	[M]
C6984	ECJ1VC1H220K	22P 50V	[M]
C6985	ECJ1VC1H220K	22P 50V	[M]
C6986	ECJ1VC1H220K	22P 50V	[M]
C6988	ECJ1VC1H220K	22P 50V	[M]
C6989	ECJ1VC1H220K	22P 50V	[M]
C6990	ECJ1VC1H220K	22P 50V	[M]
C6991	ECJ1VC1H220K	22P 50V	[M]
C6992	ECJ1VC1H220K	22P 50V	[M]
C6993	ECJ1VC1H220K	22P 50V	[M]
C6994	ECJ1VC1H220K	22P 50V	[M]
C6995	ECJ1VC1H220K	22P 50V	[M]
C6996	ECJ1VC1H220K	22P 50V	[M]
C6998	EEE1AA220WR	22P 10V	[M]
C6999	ECJ1VB1C105K	1 16V	[M]